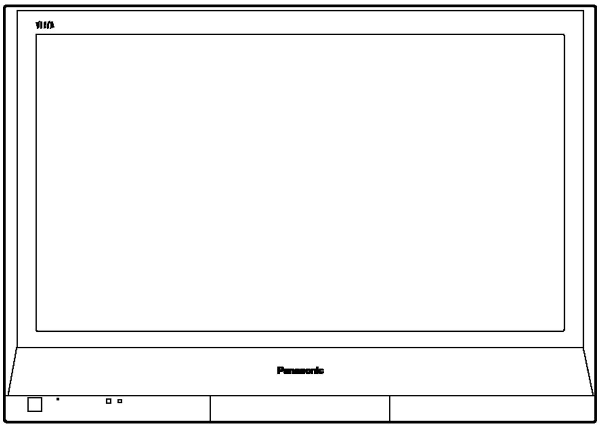
ORDER NO.PCZ0602005CE

Service Manual

Plasma Television



TH-37PV60E
TH-37PX60B
TH-42PV60E
TH-42PX60B

GP9DE Chassis

Specifications

Power Source	AC 220-240 V, 50 / 60 Hz	
Power Consumption		
Average use	241 W (TH-37PV60E), 250 W (TH-37PX60B) 261 W (TH-42PV60E), 270 W (TH-42PX60B)	
Standby condition	0.3 W (PV60E) 0.3 W (PX60B Without DVB recording), 20 W (PX60B With DVB recording)	
Plasma Display panel		
Drive method	AC type	
Aspect Ratio	16:9	
Contrast Ratio	3000:1	
Visible screen size (No. of pixels)	94 cmV (37-inch), 106 cmV (42-inch) 818 mm (W) × 461 mm (H) × 939 mm (diagonal) (37-inch) 920 mm (W) × 518 mm (H) × 1,056 mm (diagonal) (42-inch) 737,280 (1,024 (W) × 720 (H)) [3,072 × 720 dots] (37-inch) 786,432 (1,024 (W) × 768 (H)) [3,072 × 768 dots] (42-inch)	
Sound		
Speaker	12 cm × 6 cm × 2 pcs, 8 Ω	
Audio Output	20 W (10 W + 10 W), 10% THD	
Headphones	M3 (3.5 mm) Jack × 1	
PC signals	VGA, SVGA, XGA SXGA ······ (compressed) Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz	
Receiving Systems / Band name (PV60E)	**PAL B, G, H, I, SECAM B, G SECAM L / L’**	
	VHF E2 - E12	VHF H1 - H2 (ITALY)
	VHF A - H (ITALY)	UHF E21 - E69
	CATV (S01 - S05)	CATV S1 - S10 (M1 - M10)

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		CATV S11 - S20 (U1 - U10)	CATV S21 - S41 (Hyperband)
		PAL D, K, SECAM D, K	
		VHF R1 - R2	VHF R3 - R5
		VHF R6 - R12	UHF E21 - E69
		PAL 525/60	
		Playback of NTSC tape from some PAL Video recorders (VCR)	
		M.NTSC	
		Playback from M. NTSC Video recorders (VCR)	
		NTSC (AV input only)	
		Playback from NTSC Video recorders (VCR)	
Receiving Systems / Band name (PX60B)		**PAL I**	
		UHF E21 - 68.	
		PAL 525/60	
		Playback of NTSC tape from some PAL Video recorders (VCR) or NTSC disc playback from DVD player and recorder.	
		DVB	
		Digital terrestrial services via UHF aerial input.	
		M.NTSC	
		Playback from M.NTSC Video recorders (VCR).	
		NTSC (AV input only)	
		Playback from NTSC Video recorders (VCR).	
Aerial - Rear		VHF / UHF (PV60E)	
		UHF (PX60B)	
Operating Conditions		**Temperature :** 0 °C - 40 °C	
		Humidity : 20 % - 80 % RH (non-condensing)	
Connection Terminals			
AV1 (Scart terminal)		21 Pin terminal (Audio / Video in, Audio / Video out, RGB in)	
AV2 (Scart terminal)		21 Pin terminal (Audio / Video in, Audio / Video out, S-Video in, Q-Link)	
AV3 (Scart terminal)		21 Pin terminal (Audio / Video in, Audio / Video out, RGB in, S-Video in, Q-Link)	
AV4	**VIDEO**	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
	S-VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75 Ω) C:0.286 V[p-p] (75 Ω)
	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
Others	**COMPONENT**	**Y**	1.0 V[p-p] (including synchronization)
		P_B, P_R	±0.35 V[p-p]
	HDMI 1/2	TYPE A Connectors	
	PC	HIGH-DENSITY D-SUB 15PIN	R,G,B/0.7 V[p-p] (75 Ω)
			HD, VD/TTL Level 2.0 - 5.0 V[p-p] (high impedance)
	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
Output	**AUDIO L - R**	RCA PIN Type × 2	0.5 V[rms] (high impedance)
Dimensions (W × H × D)			
		917 mm × 645 mm × 95 mm (37-inch)	
		1,020 mm × 705 mm × 95 mm (42-inch)	
Weight			
		26.0 kg Net (37-inch)	
		30.0 kg Net (42-inch)	

Notes:

- Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.
- This equipment complies with the EMC standards listed below.
  EN55013, EN61000-3-2, EN61000-3-3, EN55020, EN55022, EN55024.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Applicable signals

Applicable input signal for Component (Y, PB, PR), HDMI and PC (D-sub 15P) (∗ Mark)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component	HDMI	PC
525 (480) / 60i	15.73	59.94	∗	∗	
525 (480) / 60p	31.47	59.94	∗	∗	
625 (576) / 50i	15.63	50.00	∗	∗	
625 (576) / 50p	31.25	50.00	∗	∗	
750 (720) / 60p	45.00	60.00	∗	∗	
750 (720) / 50p	37.50	50.00	∗	∗	
1,125 (1,080) / 60i	33.75	60.00	∗	∗	
1,125 (1,080) / 50i	28.13	50.00	∗	∗	
640 × 400 @70 Hz	31.46	70.07			∗
640 × 480 @60 Hz	31.47	59.94			∗
640 × 480 @75 Hz	37.50	75.00			∗
800 × 600 @60 Hz	37.88	60.32			∗
800 × 600 @75 Hz	46.88	75.00			∗
800 × 600 @85 Hz	53.67	85.06			∗
1,024 × 768 @60 Hz	48.36	60.00			∗
1,024 × 768 @70 Hz	56.48	70.07			∗
1,024 × 768 @75 Hz	60.02	75.03			∗
1,024 × 768 @85 Hz	68.68	85.00			∗
1,280 × 1,024 @60 Hz	63.98	60.02			∗
Macintosh13” (640 × 480)	35.00	66.67			∗
Macintosh16” (832 × 624)	49.72	74.54			∗
Macintosh21” (1,152 × 870)	68.68	75.06			∗

Note: Signals other than above may not be displayed properly.
The above signals are reformatted for optimal viewing on your display.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.2. Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reserve the AC plug in the AC outlet and repeat each of the above measure.
6. The potential at any point (TOUGH CURRENT) expressed as voltage U_1 and U_2, does not exceed the following values:

   For a. c.: U_1 = 35 V (peak) and U_2 = 0.35 V (peak);

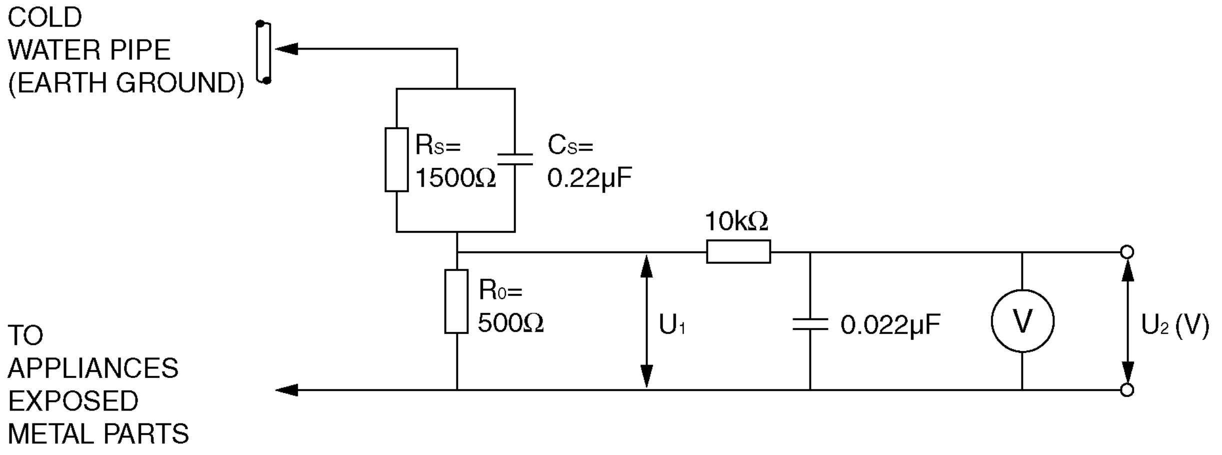
   For d. c.: U_1 = 1.0 V,

   Note:

   The limit value of U_2 = 0.35 V (peak) for a. c. and U_1 = 1.0 V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.

   The limit value U_1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.
7. In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: ≥ 1 MΩ
Input capacitance: ≤ 200 pF
Frequency range: 15 Hz to 1 MHz and d.c. respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

Figure 1

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

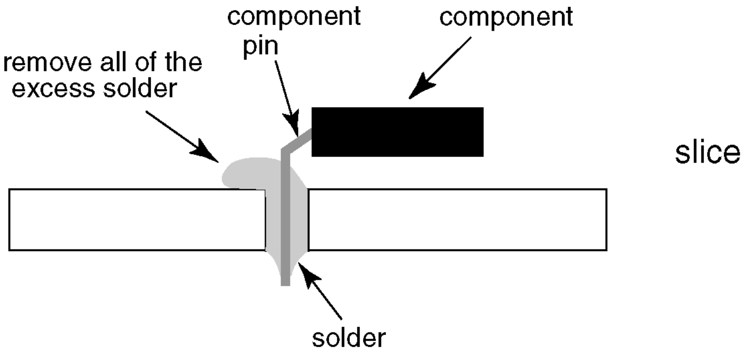
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol PbF stamped on the back of PCB.

Caution

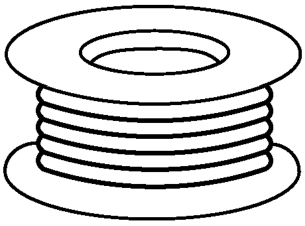
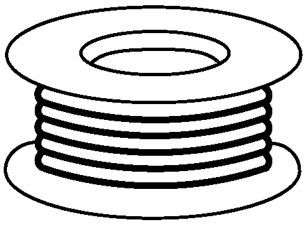
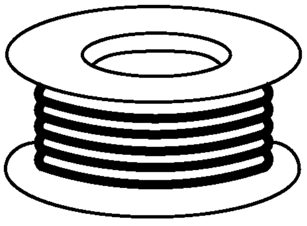
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



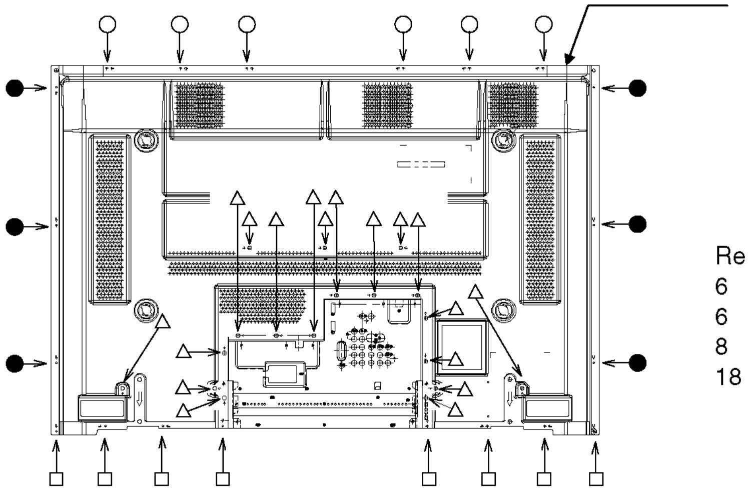
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

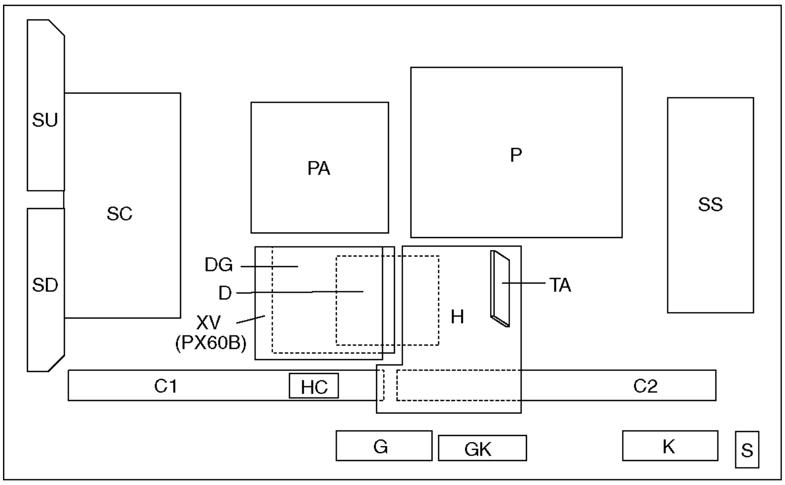
5 Service Hint

Remove the Back Cover



Remove:
6 screws (○) XYN4+F10FJK
6 screws (●) XYN4+F30FJK
8 screws (□) XTB4+12GFJK
18 screws (△) THEL0429

Service Position



Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Lower Right)
PA	DC-DC Converter, Speaker out, Audio AMP, Fan Control	C2	Data Driver (Lower Left)
		SC	Scan Drive
H	AV Terminal, AV Switch, MSP	SU	Scan out (Upper)
TA	Tuner	SD	Scan out (Lower)
DG	Digital Signal Processor, Micom, HDMI Interface	SS	Sustain Drive
XV	D-TV Interface (PX60B only)	K	Remote receiver, Power LED
D	Format Converter, Plasma AI, Sub-Field Processor	S	Power Switch
HC	Jig Connection	G	Front Terminal
		GK	Key Switch

6 Plasma panel replacement method

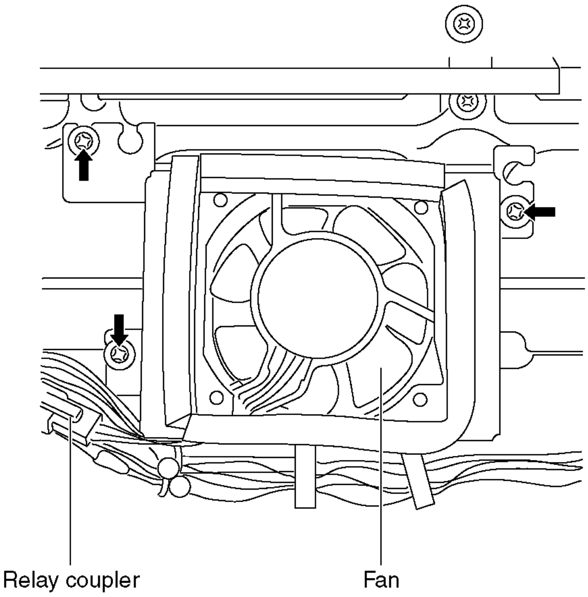
6.1. Remove the Back cover

1. See Service Hint (Section 5)

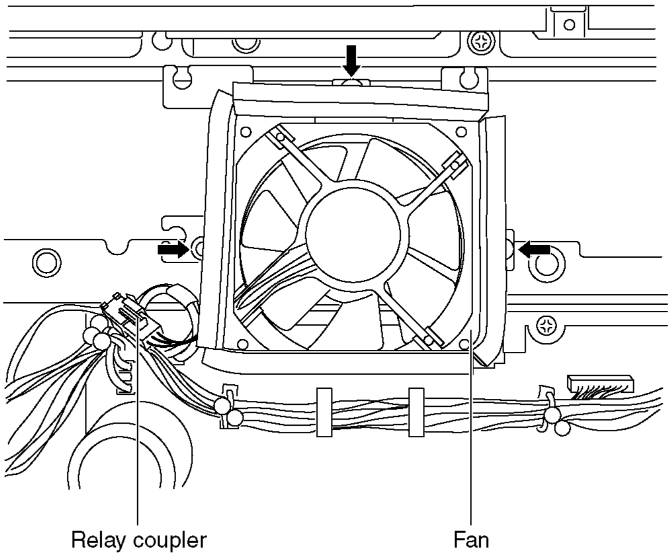
6.2. Remove the fan

1. Disconnect the relay couplers.
2. Remove the screws (×3 ➡ each) and remove the fans.

- 37inch

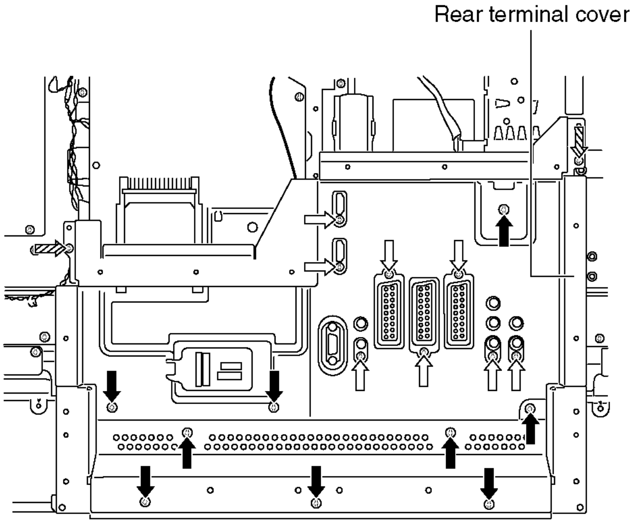

Relay coupler
Fan

- 42inch


Relay coupler
Fan

6.3. Remove the rear terminal cover

1. Remove the screws (×9 ➡, ×8 ⇨, ×2 ➾).
2. Remove the rear terminal cover.


Rear terminal cover

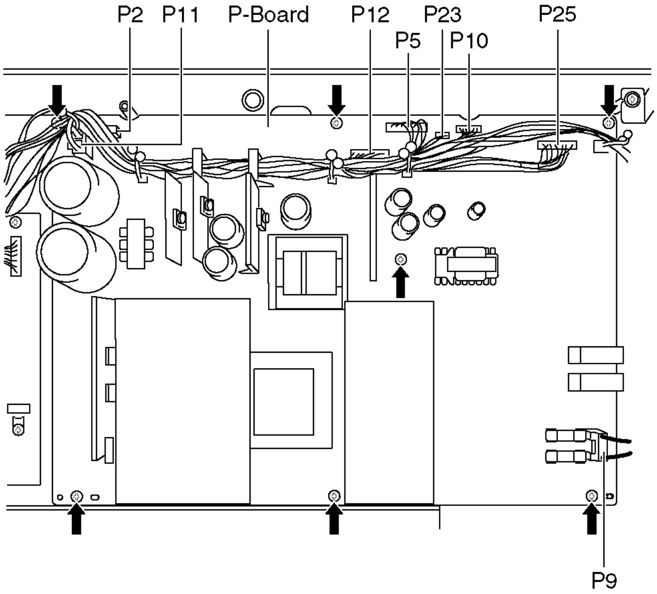
6.4. Remove the P-Board

Caution:

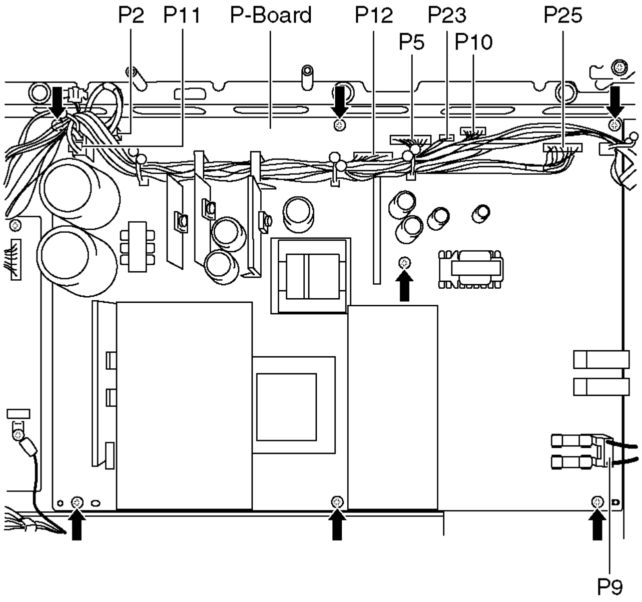
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23, and P25).
3. Remove the screws (×7 ➡) and remove the P-Board.

- 37inch

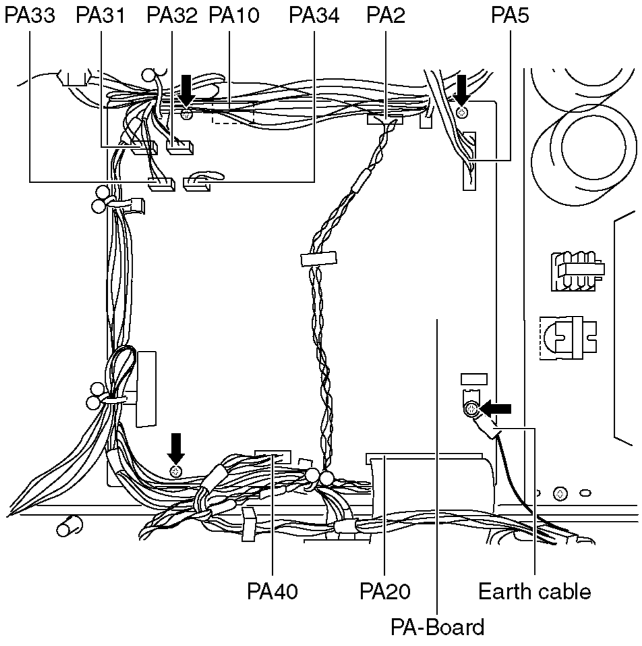

P2
P11
P-Board
P12
P23
P5
P10
P25
P9

- 42inch


P2
P11
P-Board
P12
P23
P5
P10
P25
P9

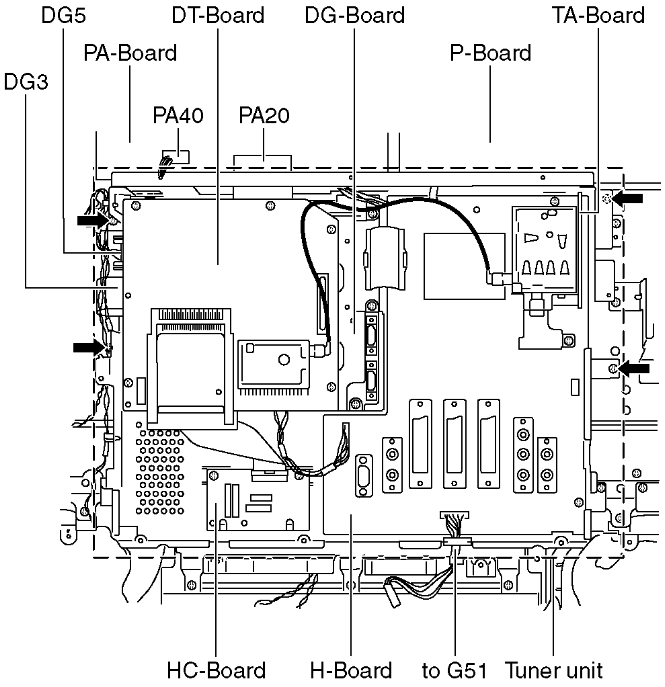
6.5. Remove the PA-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PA2, PA5, PA10, PA31, PA32, PA33, PA34 and PA40).
3. Disconnect the flexible cable (PA20).
4. Remove the screws (×4 ➡) and remove the earth cable.
5. Remove the PA-Board.


PA33
PA31
PA32
PA10
PA34
PA2
PA5
PA40
PA20
Earth cable
PA-Board

6.6. Remove the tuner unit

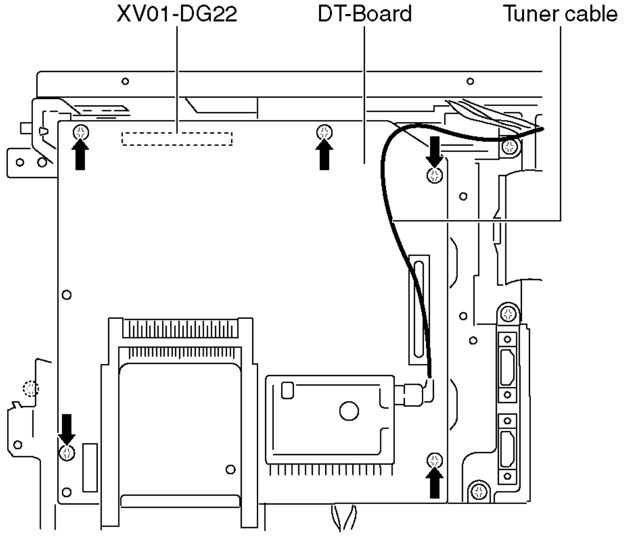
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG5, G51 and PA40).
3. Disconnect the flexible cables (DG3 and PA20).
4. Remove the screws (×4 ➡) remove the tuner unit.


DG5
DT-Board
DG-Board
TA-Board
PA-Board
P-Board
DG3
PA40
PA20
HC-Board
H-Board
to G51
Tuner unit

6.7. Remove the XV-Board (PX60B)

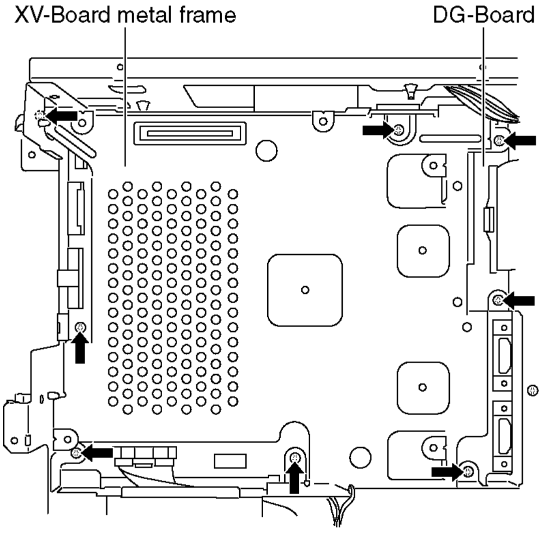
1. Unlock the cable clampers to free the cable.
2. Disconnect the tuner cable.
3. Remove the screws (×5 ➡) remove the XV-Board.

   (Be careful the couplers (XV01-DG22) when remove the XV-Board.)

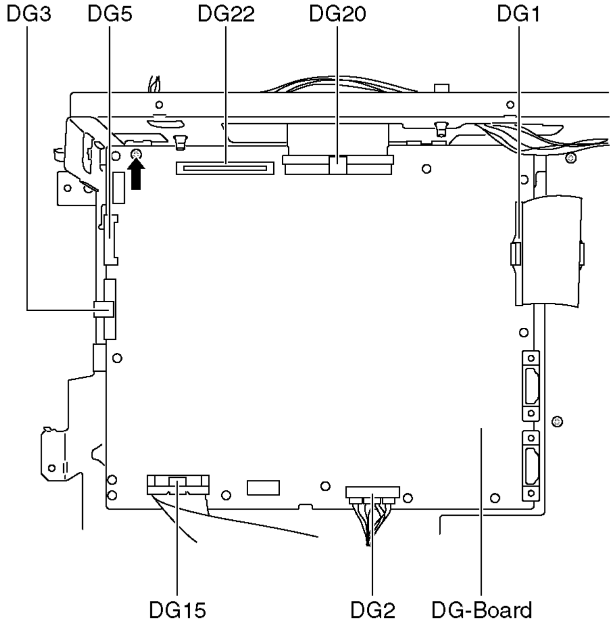

XV01-DG22
DT-Board
Tuner cable

6.8. Remove the DG-Board

1. Remove the XV-Board (PX60B). (See section 6.7.)
2. Remove the screws (×8 ➡) and remove the XV-Board metal frame (PX60B).

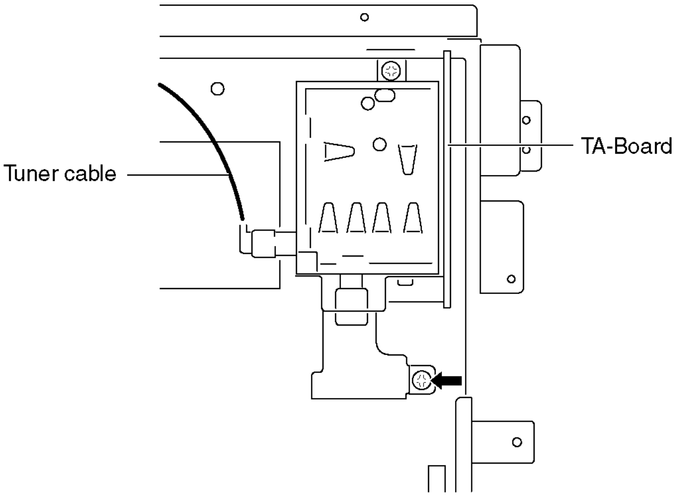

XV-Board metal frame
DG-Board

3. Disconnect the coupler (DG2).
4. Disconnect the flexible cables (DG1, DG15 and DG20).
5. Remove the screw (×1 ➡) remove the DG-Board.


DG3
DG5
DG22
DG20
DG1
DG15
DG2
DG-Board

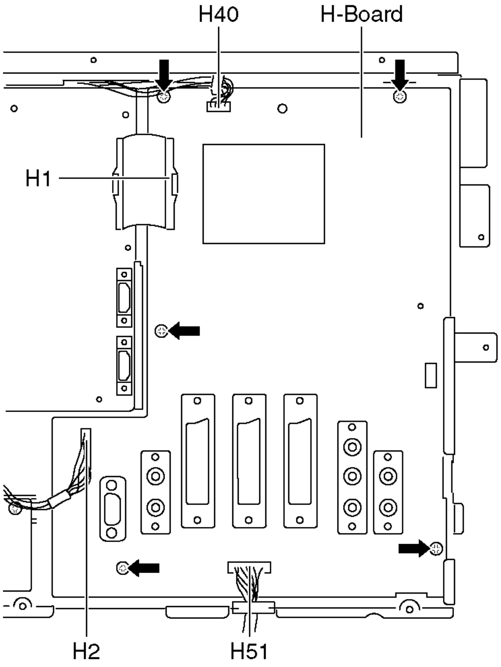
6.9. Remove the TA-Board

1. Disconnect the tuner cable.
2. Remove the screw (×1 ➡) and remove the TA-Board.


TA-Board
Tuner cable

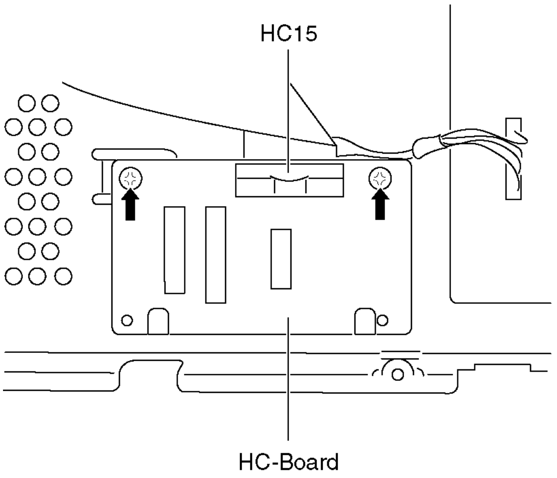
6.10. Remove the H-Board

1. Remove the TA-Board.
2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (H2, H40 and H51).
4. Disconnect the flexible cable (H1).
5. Remove the screws (×5 ➡) and remove the H-Board.


H40
H-Board
H1
H2
H51

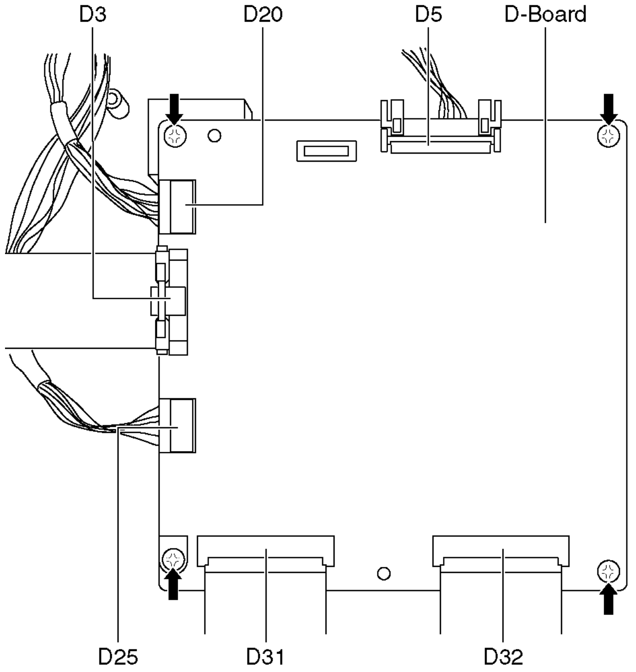
6.11. Remove the HC-Board

1. Disconnect the flexible cable (HC15).
2. Remove the screws (×2 ➡) and remove the HC-Board.


HC15
HC-Board

6.12. Remove the D-Board

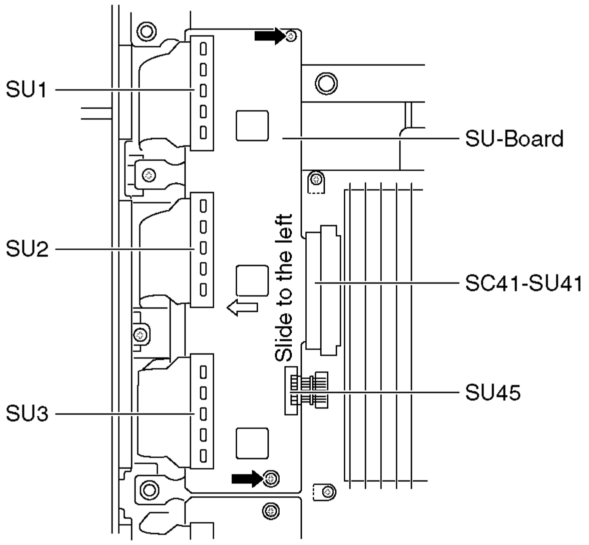
1. Remove the tuner unit. (See section 6.6.)
2. Disconnect the couplers (D5, D20 and D25).
3. Disconnect the flexible cables (D3, D31 and D32).
4. Remove the screws (×4 ➡) and remove the D-Board.


D3
D20
D5
D-Board
D25
D31
D32

6.13. Remove the SU-Board (37inch)

1. Remove the screws (×2 ➡).
2. Remove the flexible cables (SU1, SU2 and SU3) and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from a coupler (SC41-SU41) on the SC-Board and remove the SU-Board.

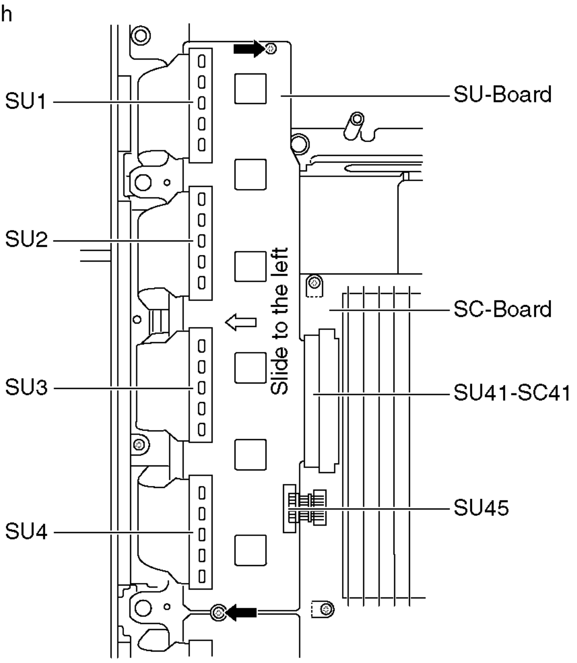
- 37inch


SU1
SU2
SU3
Slide to the left
SU-Board
SC41-SU41
SU45

6.14. Remove the SU-Board (42inch)

1. Remove the screws (×2 ➡).
2. Remove the flexible cables (SU1, SU2, SU3 and SU4) and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from a coupler (SC41-SU41) on the SC-Board and remove the SU-Board.

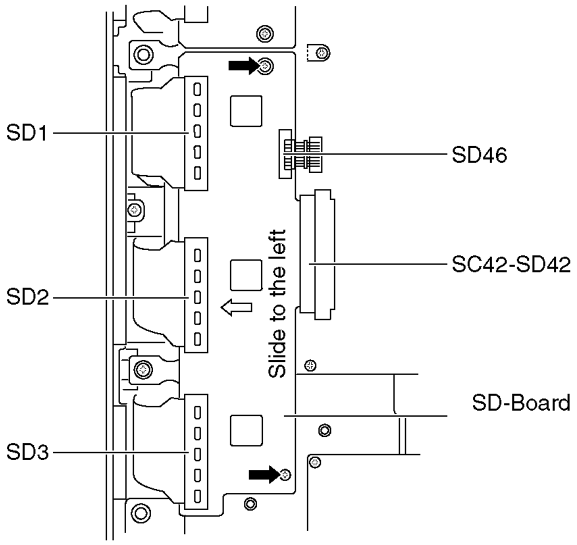
- 42inch


SU1
SU2
SU3
SU4
Slide to the left
SU-Board
SC-Board
SU41-SC41
SU45

6.15. Remove the SD-Board (37inch)

1. Remove the screws (×2 ➡).
2. Remove the flexible cables (SD1, SD2 and SD3) and remove the bridge connector (SD46).
3. Slide the SD-Board to the left to disconnect from a coupler (SC42-SD42) on the SC-Board and remove the SD-Board.

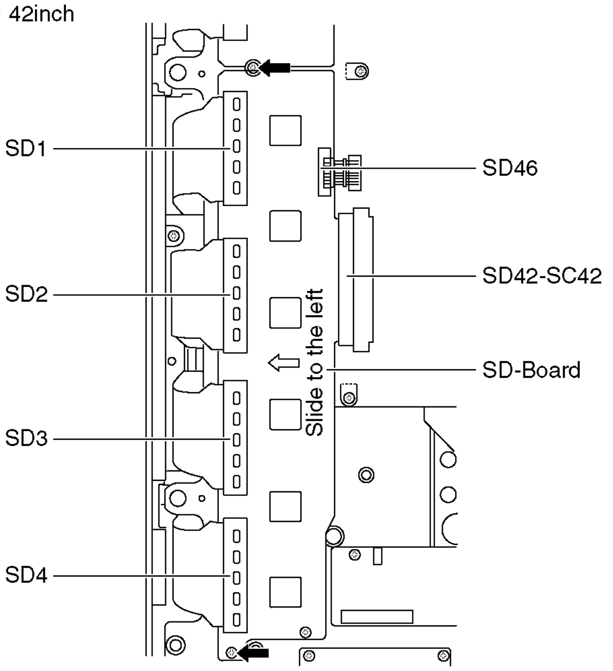
- 37inch


SD1
SD46
SC42-SD42
SD2
Slide to the left
SD-Board
SD3

6.16. Remove the SD-Board (42inch)

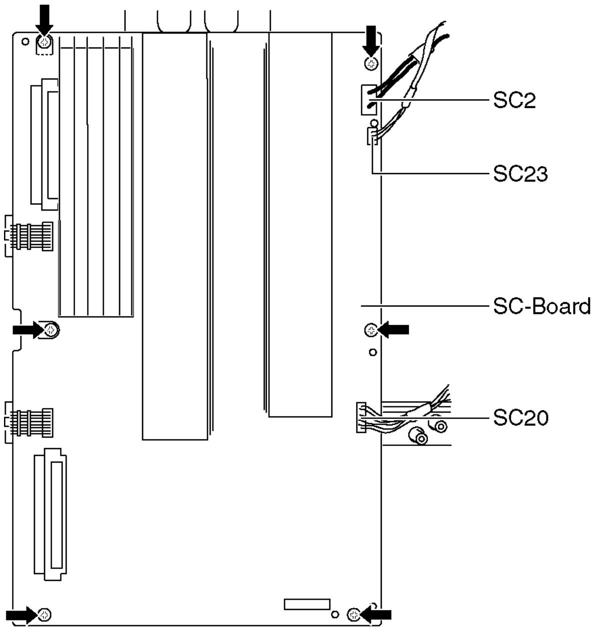
1. Remove the screws (×2 ➡).
2. Remove the flexible cables (SD1, SD2, SD3 and SD4) and remove the bridge connector (SD46).
3. Slide the SD-Board to the left to disconnect from a coupler (SC42-SD42) on the SC-Board and remove the SD-Board.

- 42inch


SD1
SD46
SD42-SC42
SD2
Slide to the left
SD-Board
SD3
SD4

6.17. Remove the SC-Board

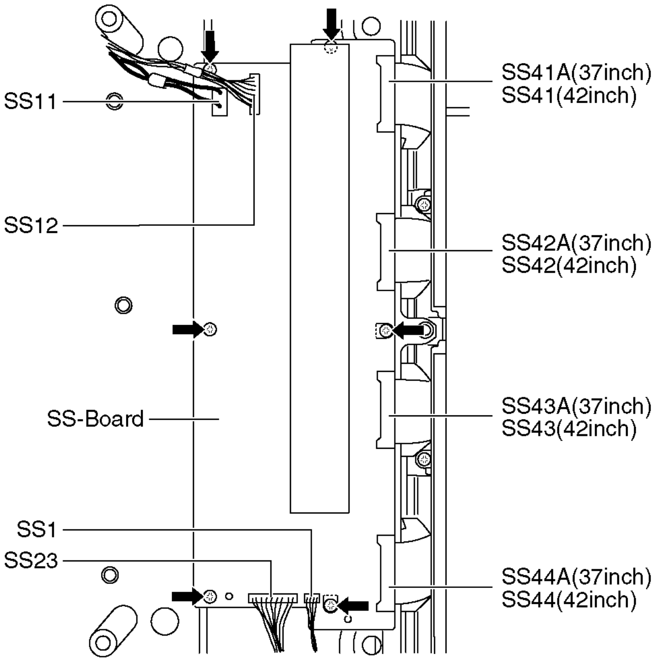
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (SC2, SC20 and SC23).
3. Remove the screws (×6 ➡) and remove the SC-Board.


SC2
SC23
SC-Board
SC20

6.18. Remove the SS-Board

1. Disconnect the couplers (SS1, SS11, SS12 and SS23).
2. Disconnect the flexible cables (SS41A, SS42A, SS43A and SS44A) (37inch).

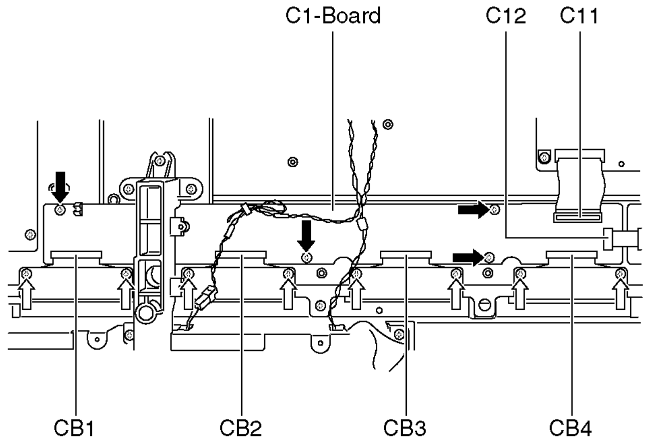
   Disconnect the flexible cables (SS41, SS42, SS43 and SS44) (42inch).
3. Remove the screws (×6 ➡) and remove the SS-Board.


SS11
SS41A(37inch)
SS41(42inch)
SS12
SS42A(37inch)
SS42(42inch)
SS-Board
SS43A(37inch)
SS43(42inch)
SS1
SS23
SS44A(37inch)
SS44(42inch)

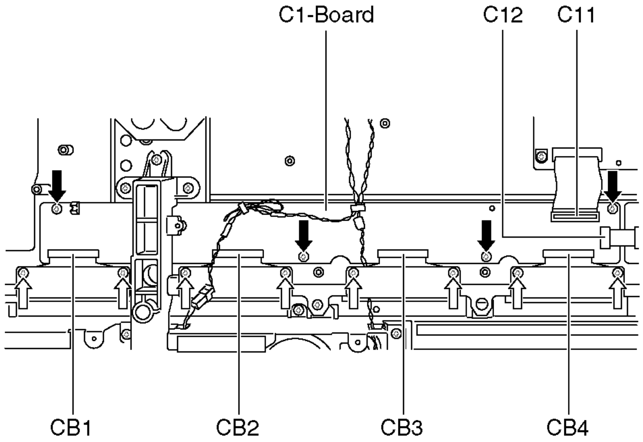
6.19. Remove the C1-Board

1. Remove the tuner unit. (See section 6.6.)
2. Unlock the cable clampers to free the cable.
3. Remove the flexible cables holder fastening screws (×8 ⇨).
4. Disconnect the flexible cables (CB1, CB2, CB3 and CB4).
5. Disconnect the flexible cables (C11 and C12).
6. Remove the screws (×4 ➡) and remove the C1-Board.

- 37inch


C1-Board
C12
C11
CB1
CB2
CB3
CB4

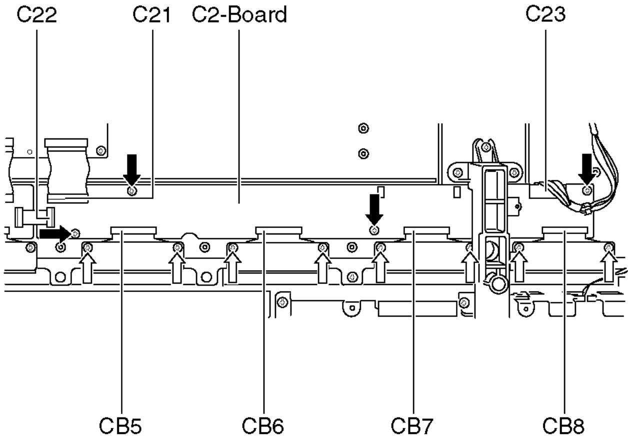
- 42inch


C1-Board
C12
C11
CB1
CB2
CB3
CB4

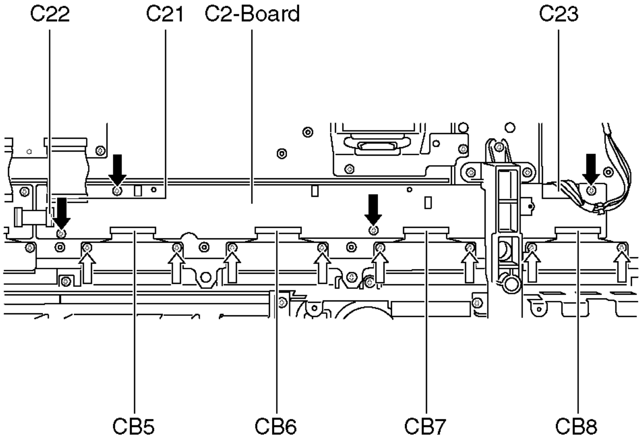
6.20. Remove the C2-Board

1. Remove the tuner unit. (See section 6.6.)
2. Unlock the cable clampers to free the cable.
3. Remove the flexible cables holder fastening screws (×8 ⇨).
4. Disconnect the flexible cables (CB5, CB6, CB7 and CB8).
5. Disconnect the flexible cables (C21 and C22).
6. Disconnect the coupler (C23).
7. Remove the screws (×4 ➡) and remove the C2-Board.

- 37inch

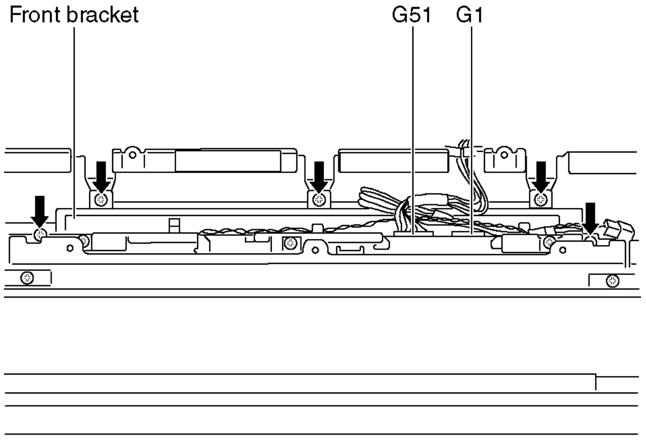

C22
C21
C2-Board
C23
CB5
CB6
CB7
CB8

- 42inch


C22
C21
C2-Board
C23
CB5
CB6
CB7
CB8

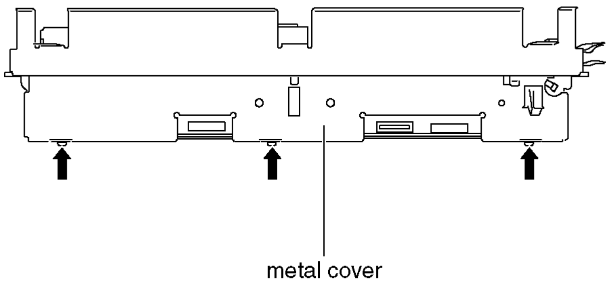
6.21. Remove the front bracket

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (G1 and G51).
3. Remove the screws (×5 ➡) and remove the front bracket.

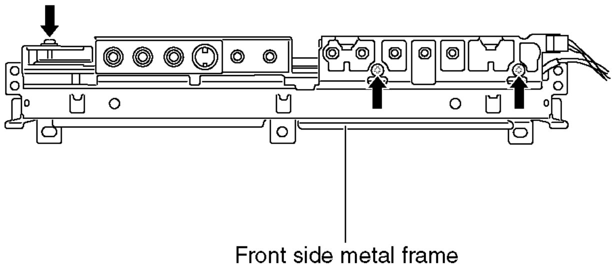

Front bracket
G51
G1

6.22. Remove the G-Board and GK-Board

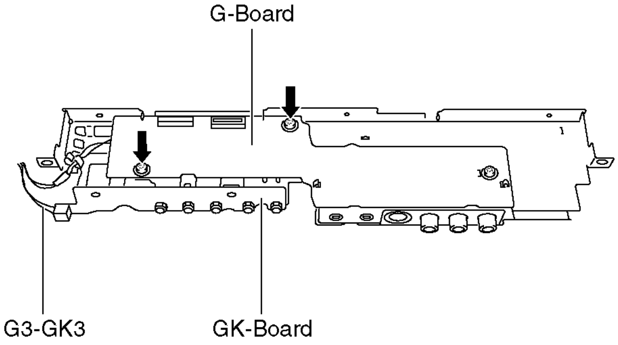
1. Remove the front bracket. (See section 6.21.)
2. Remove the screws (×3 ➡) and remove the metal cover.


metal cover

3. Remove the screws (×3 ➡) and remove the front side metal frame.

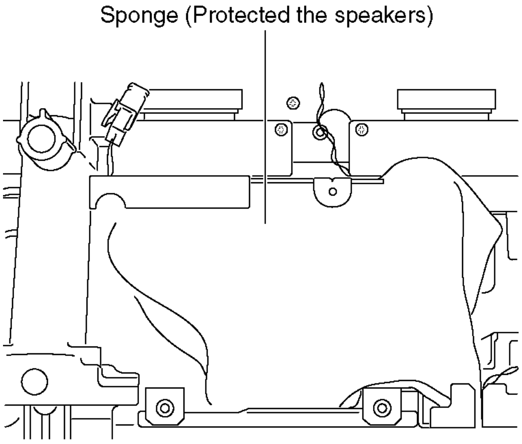

Front side metal frame

4. Remove the screws (×3 ➡) and disconnect the couplers (G3-GK3).
5. Remove the G-Board and GK-Board.

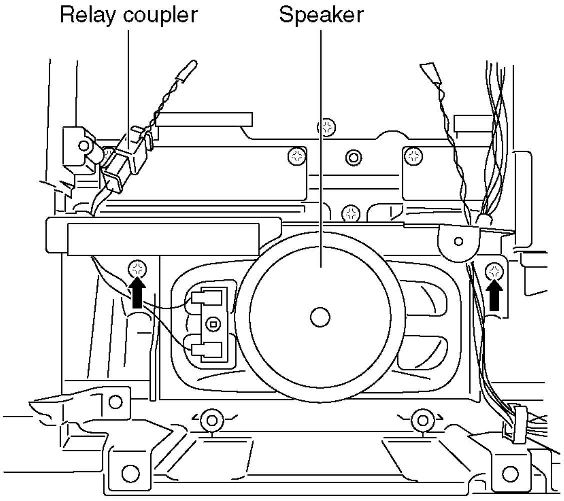

G-Board
G3-GK3
GK-Board

6.23. Remove the speaker L, R

1. Remove the sponge

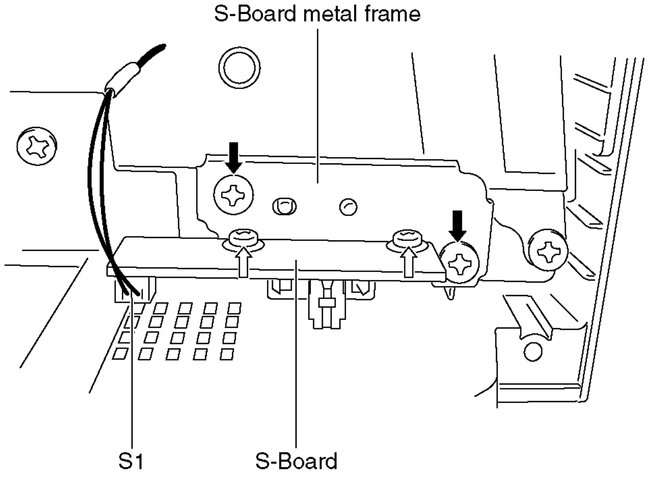

Sponge (Protected the speakers)

2. Disconnect the relay couplers
3. Remove the screws (×2 ➡ each) and remove the speaker L, R.


Relay coupler
Speaker

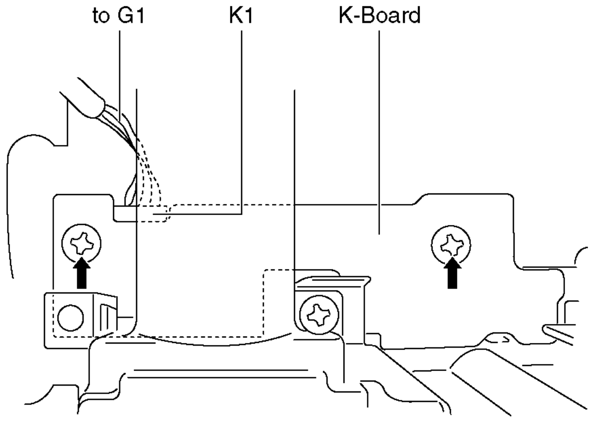
6.24. Remove the S-Board

1. Disconnect the coupler (S1).
2. Remove the screws (×2 ➡) and remove the S-Board metal frame.
3. Remove the screws (×2 ⇨) and remove the S-Board.


S-Board metal frame
S1
S-Board

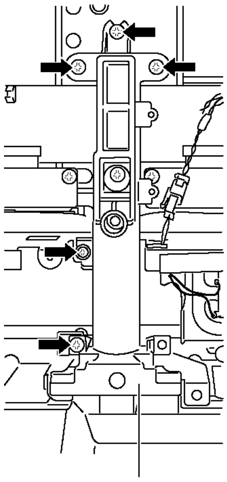
6.25. Remove the K-Board

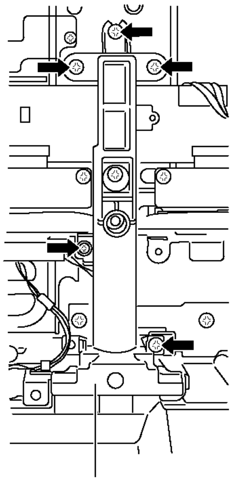
1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (G1). (See section 6.21.)
3. Remove the screws (×2 ➡) and remove the K-Board.


to G1
K1
K-Board

6.26. Remove the stand brackets

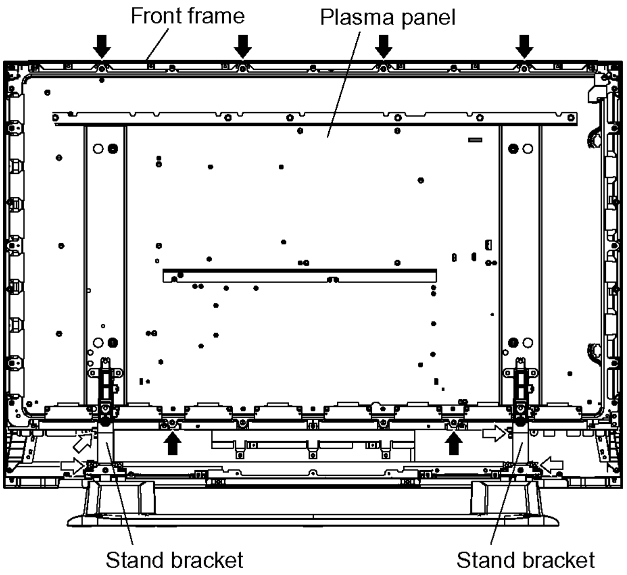
1. Remove the plasma panel section from the servicing stand and lay on a fiat surface such as a table (covered) with the plasma panel surface facing downward.
2. Remove the stand brackets (left, right) fastening screws (×5 ➡ each) and remove the stand brackets (left, right).


Stand bracket-R

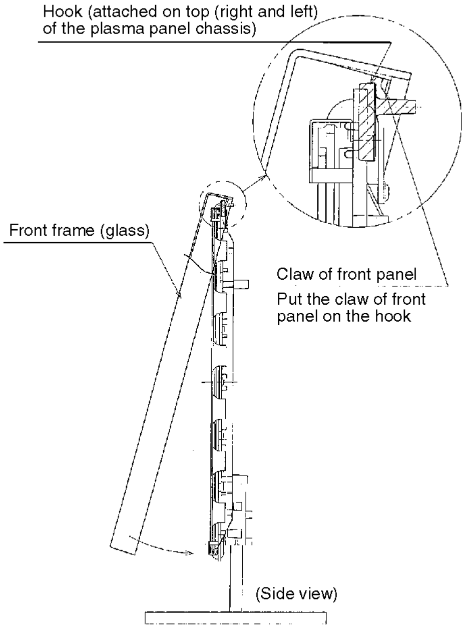

Stand bracket-L

6.27. Remove the Plasma panel section from the Front frame (glass)

1. Remove the front frame and the plasma panel fastening screws (×6 ➡).
2. Remove the front frame and the stand brackets fastening screws (×4 ⇨).


Front frame
Plasma panel
Stand bracket
Stand bracket

3. For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.


Hook (attached on top (right and left) of the plasma panel chassis)
Front frame (glass)
Claw of front panel
Put the claw of front panel on the hook
(Side view)

6.28. Replace the plasma panel (finished)

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1-Board and the C2-Board, connect the flexible cables (×8) from the Plasma panel to the C1-Board and the C2-Board, and fit the flexible cable holders.
3. Attach the Hooks (left, right) and fit the stand brackets (L, R) to the new plasma panel.
4. Place the plasma panel section on the servicing stand.
5. Attach the front frame and each P.C.Board and so on, to the new plasma panel.

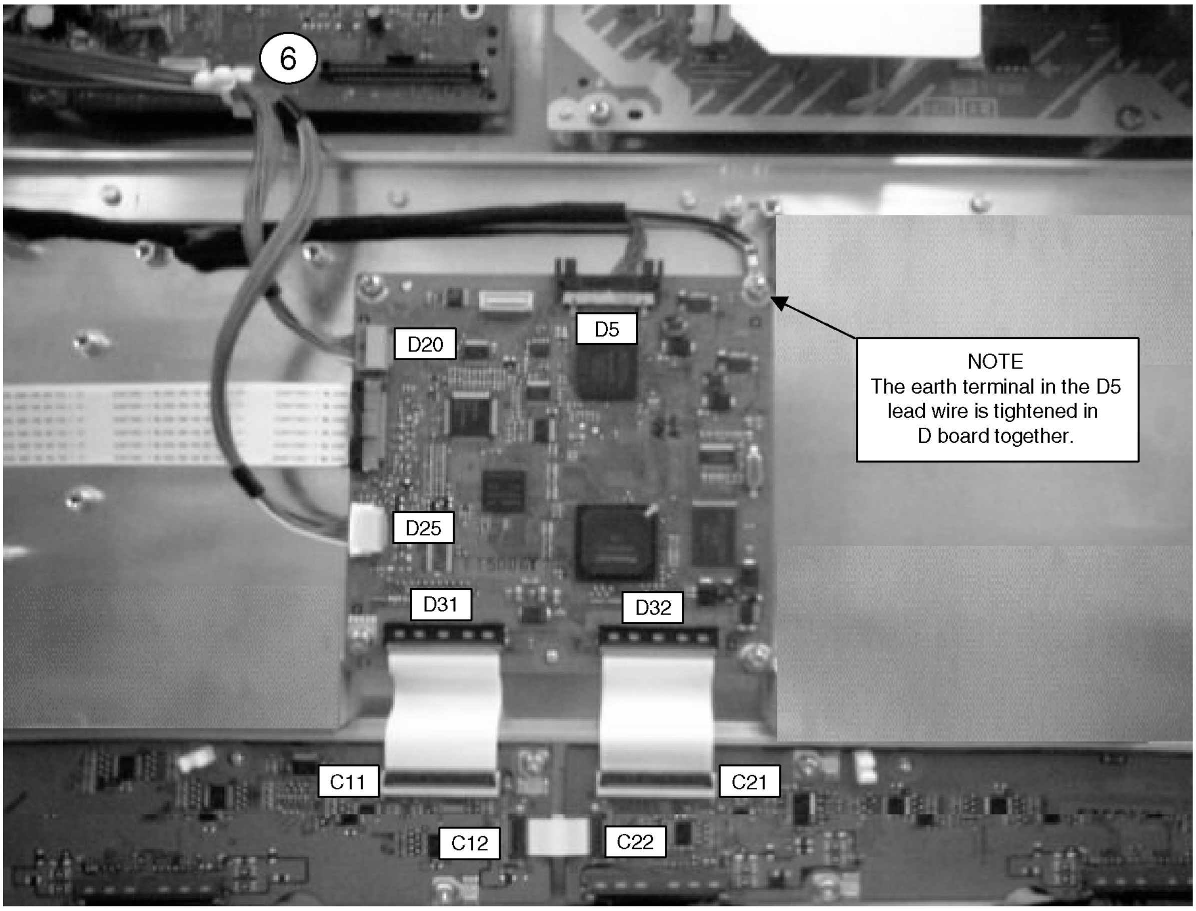
   *** When fitting the front frame, be careful to allow any debris, dust or handling residue to remain between the front glass and plasma panel.**

7 Location of Lead Wiring

7.1. Lead of Wiring (1)

The wire is dressed as shown in figure.

NOTE: The earth terminal in the D5 lead wire is tightened in D board together.



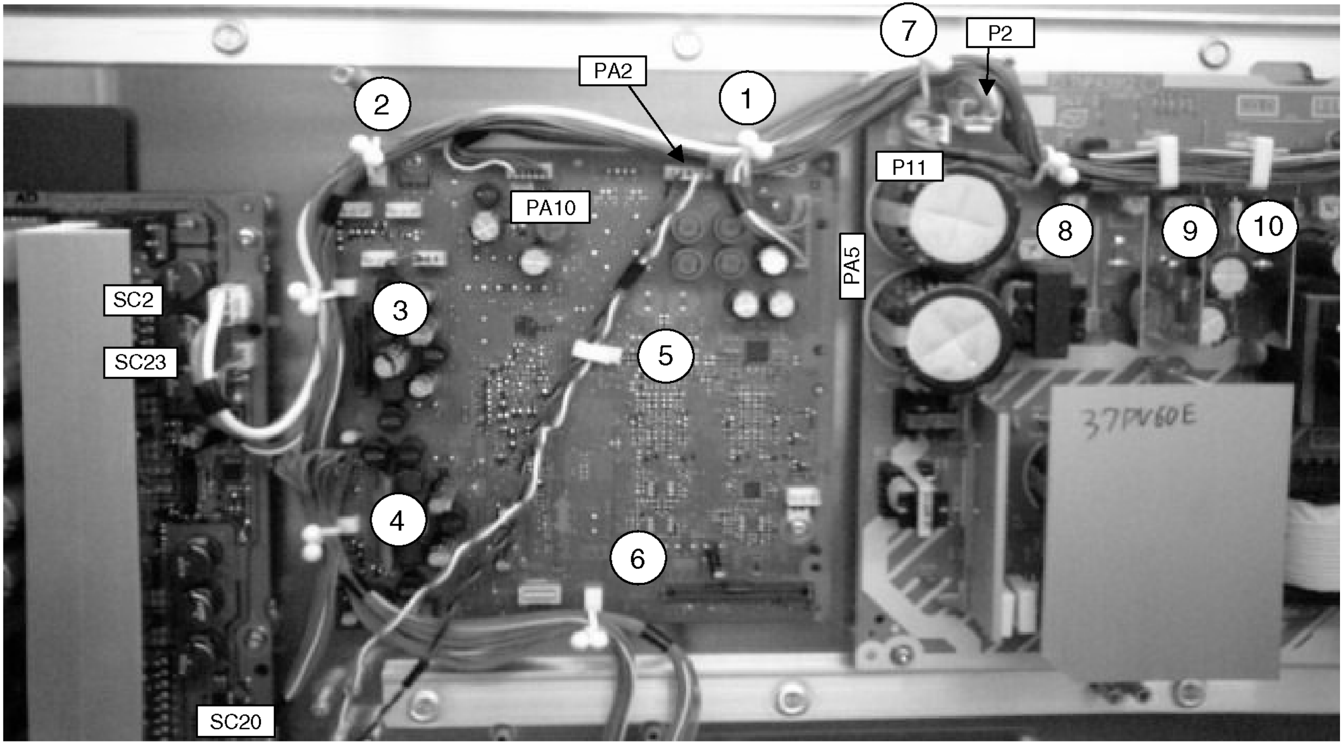
NOTE
The earth terminal in the D5 lead wire is tightened in D board together.

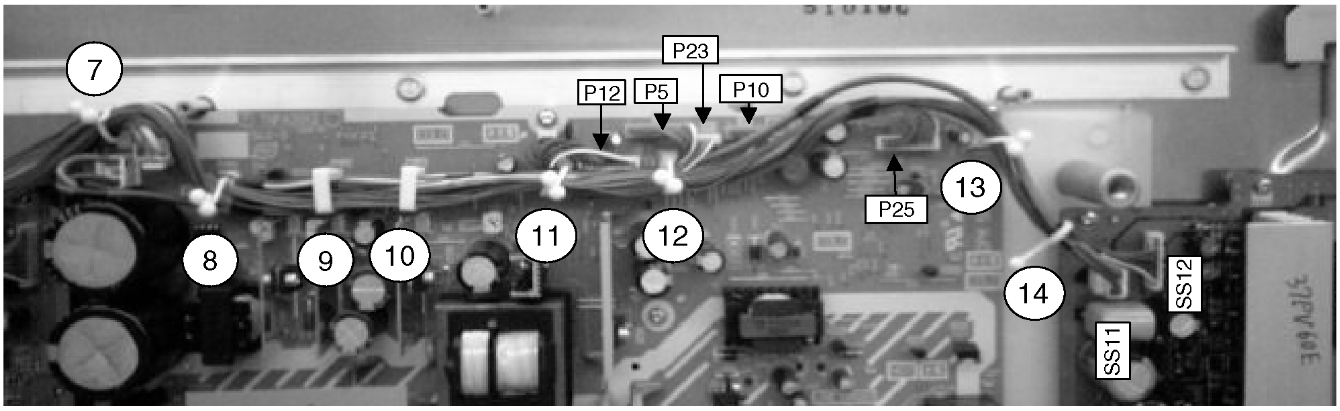
Connector No.	⑥					
D5 - DG5						
D20 - SC20	○					
D25 - P25	○					
D31 - C11						
D32 - C21						
C12 - C22						

7.2. Lead of Wiring (2)

TH-37PV60E, TH-37PX60B

The wire is dressed as shown in figure.


7
P2
PA2
1
2
P11
PA10
8
9
10
PA5
SC2
3
SC23
5
37PV60E
4
6
SC20

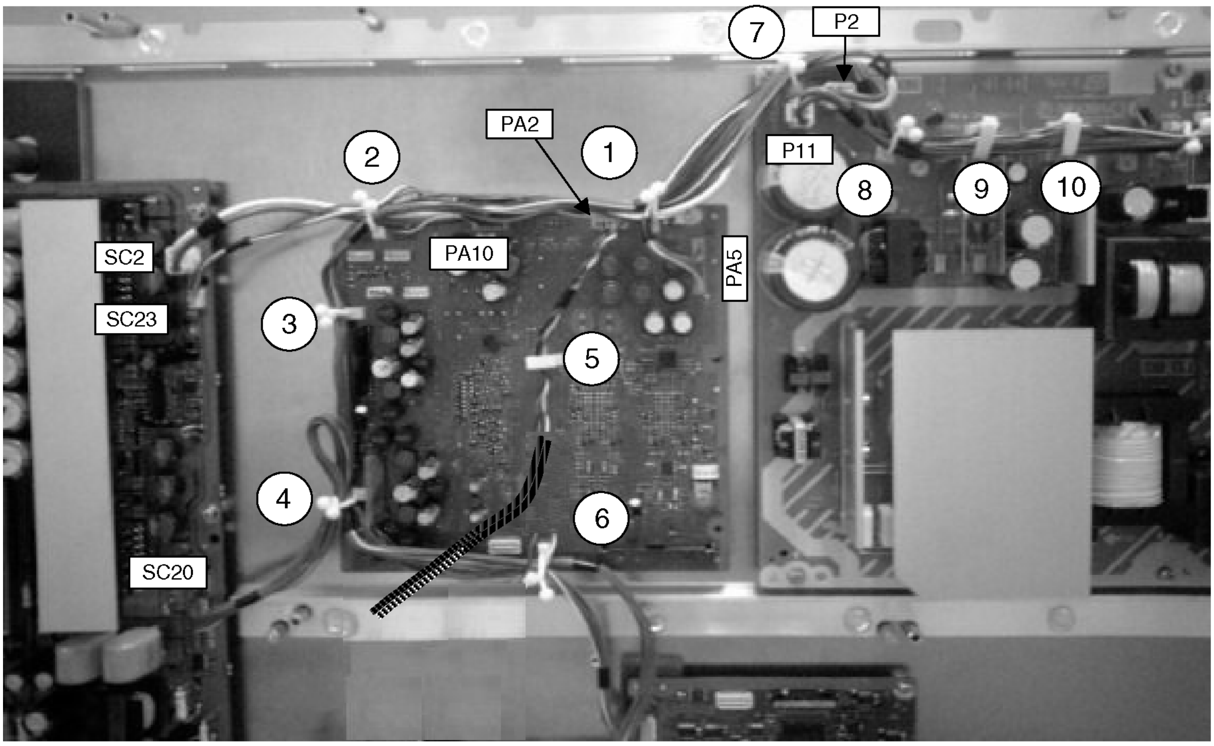

P23
7
P12
P5
P10
13
P25
11
12
8
9
10
14
SS12
SS11
37PV60E

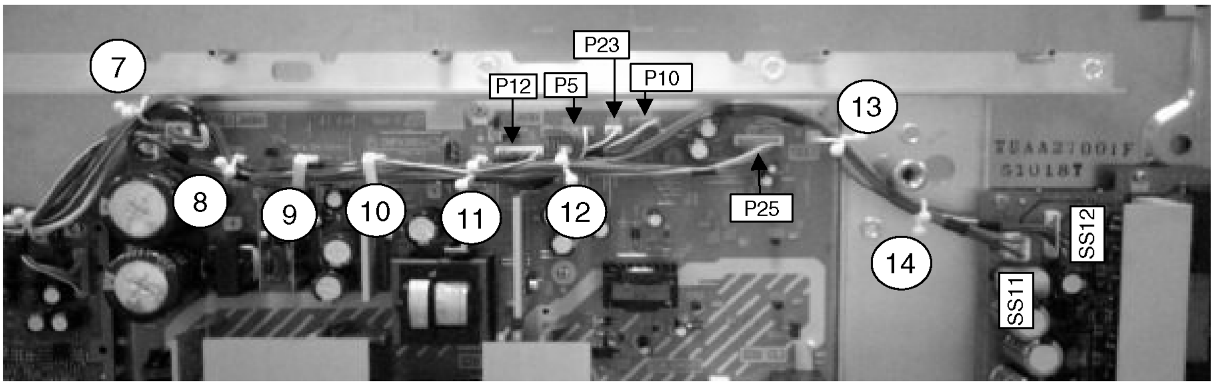
Connector No.			①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭
SC2	-	P2	○	○					○							
SC23	-	P23	○	○					○	○	○	○	○	○		
SC20	-	D20				○		○								
PA2	-	RELAY					○									
PA5	-	P5	○						○	○	○	○	○	○		
PA10	-	P10	○						○	○	○	○	○	○		
P11	-	SS11								○	○	○	○	○	○	○
P12	-	SS12											○	○	○	○
P25	-	D25	○	○	○	○		○	○	○	○	○	○	○		

7.3. Lead of Wiring (3)

TH-42PV60E, TH-42PX60B

The wire is dressed as shown in figure.

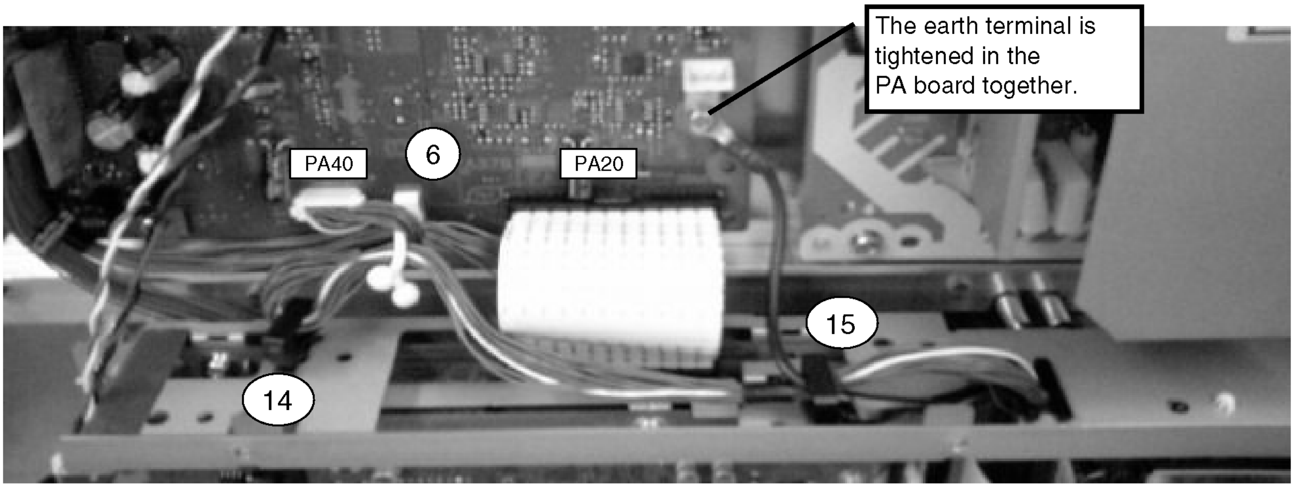

7
P2
PA2
1
2
P11
8
9
10
SC2
PA10
PA5
SC23
3
5
4
6
SC20


7
P23
P12
P5
P10
13
8
9
10
11
12
P25
SS12
14
SS11

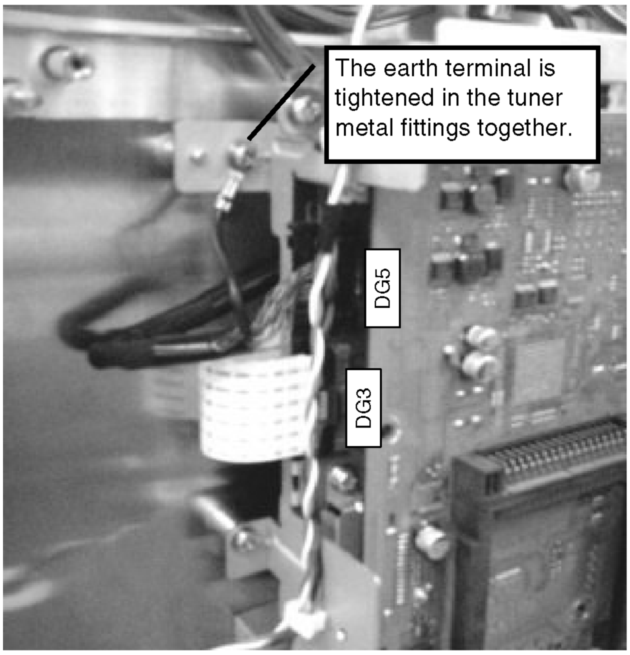
Connector No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭
SC2 - P2	○	○					○							
SC23 - P23	○	○					○	○	○	○	○	○		
SC20 - D20				○		○								
PA2 - RELAY					○									
PA5 - P5	○						○	○	○	○	○	○		
PA10 - P10	○						○	○	○	○	○	○		
P11 - SS11								○	○	○	○	○	○	○
P12 - SS12												○	○	○
P25 - D25	○	○	○	○		○	○	○	○	○	○	○		

7.4. Lead of Wiring (4)

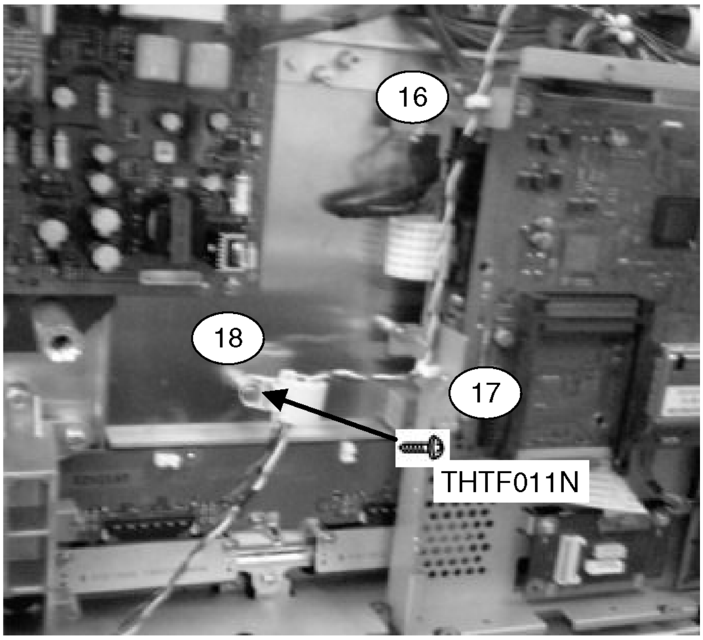
The wire is dressed as shown in figure.


PA40
6
PA20
15
14

The earth terminal is tightened in the PA board together.



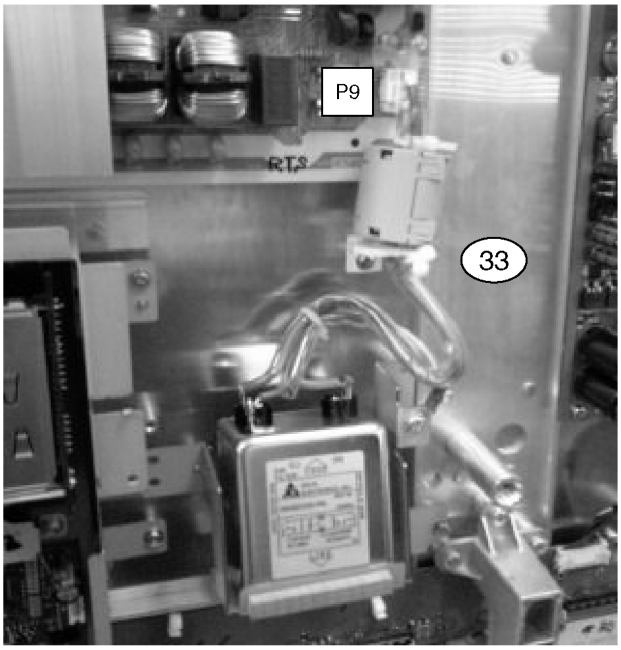
The earth terminal is tightened in the tuner metal fittings together.

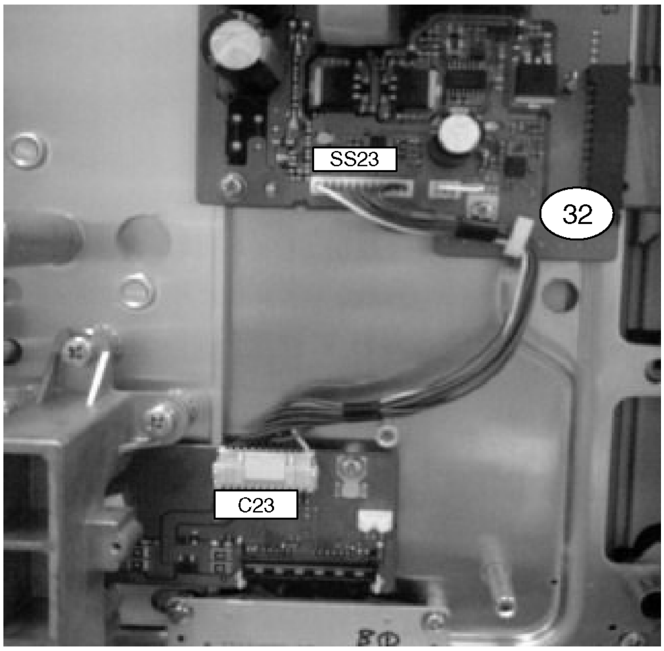

16
18
17
THTF011N

Connector No.	⑥		⑭	⑮	⑯	⑰	⑱	
PA40 - H40	○		○	○				
DG3 - D3								
DT10 - GS52						○	○	
PA2 - RELAY					○	○	○	

7.5. Lead of Wiring (5)

The wire is dressed as shown in figure.



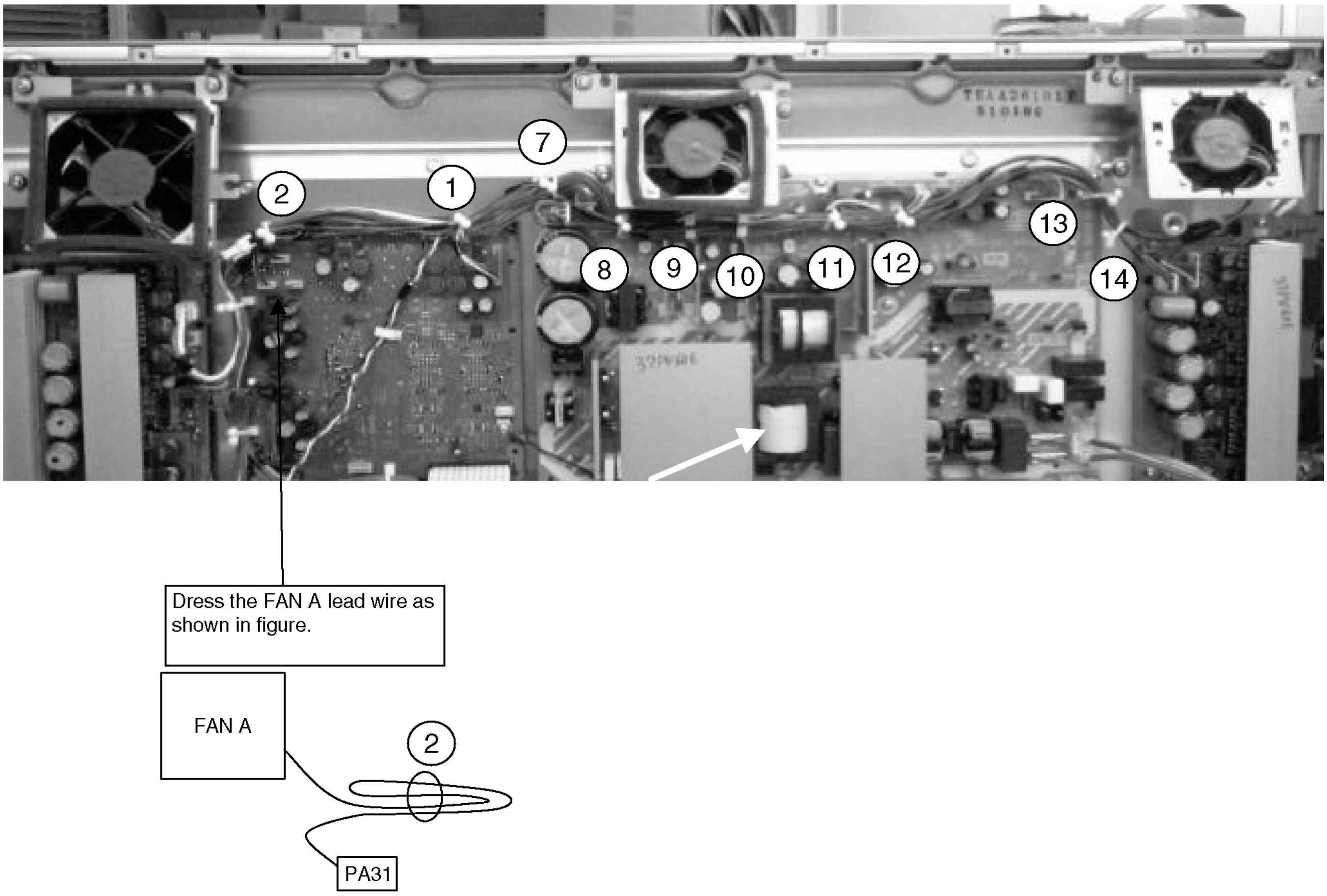


Connector No.	㉜	㉝						
SC2 - P2		○						
SC23 - P23	○							

7.6. Lead of Wiring (6)

TH-37PV60E, TH-37PX60B

The wire is dressed as shown in figure.


7
2
1
13
8
9
10
11
12
14
FAN A
2
PA31

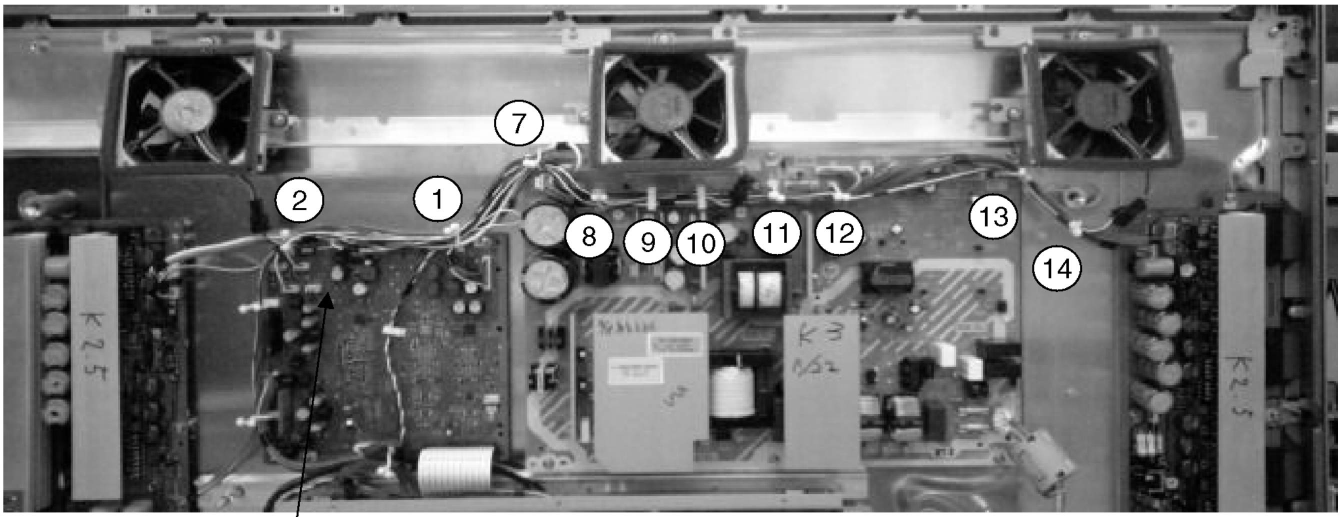
Dress the FAN A lead wire as shown in figure.

Connector No.	②	①		⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	
FAN A - PA31	○											
FAN B - PA32	○	○		○	○							
FAN C - PA33	○	○		○	○	○	○	○	○	○	○	

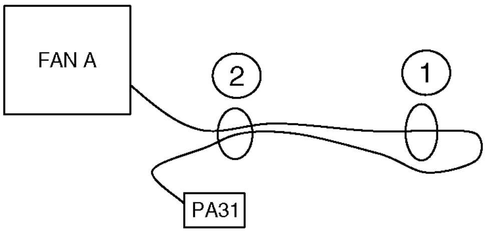
7.7. Lead of Wiring (7)

TH-42PV60E, TH-42PX60B

The wire is dressed as shown in figure.


7
2
1
8
9
10
11
12
13
14

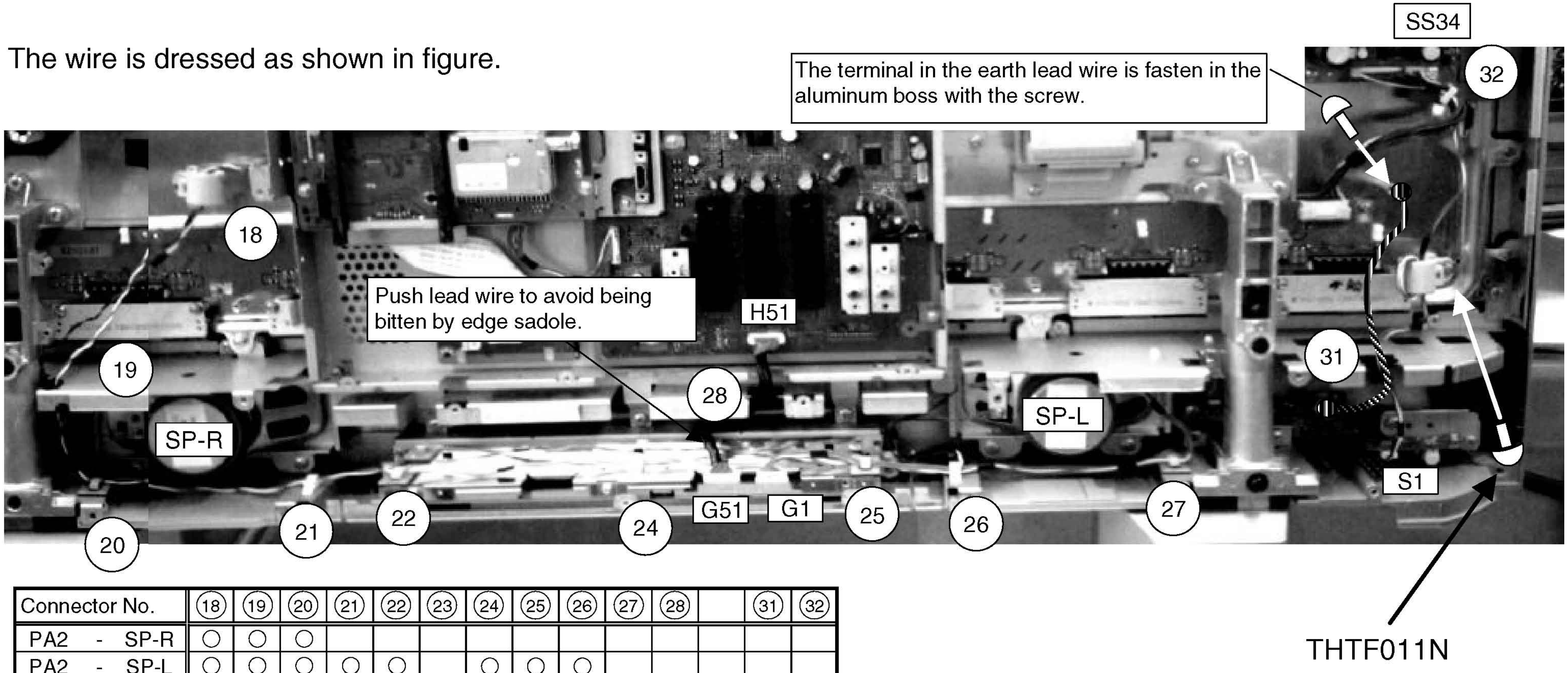
Dress the FAN A lead wire as shown in figure.


FAN A
2
1
PA31

Connector No.	②	①		⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	
FAN A - PA31	○											
FAN B - PA32	○	○		○	○	○	○					
FAN C - PA33	○	○		○	○	○	○	○	○	○	○	

7.8. Lead of Wiring (8)

The wire is dressed as shown in figure.


SS34
32
31
S1
THTF011N
18
19
20
21
22
24
25
26
27
28
SP-R
SP-L
H51
G51
G1

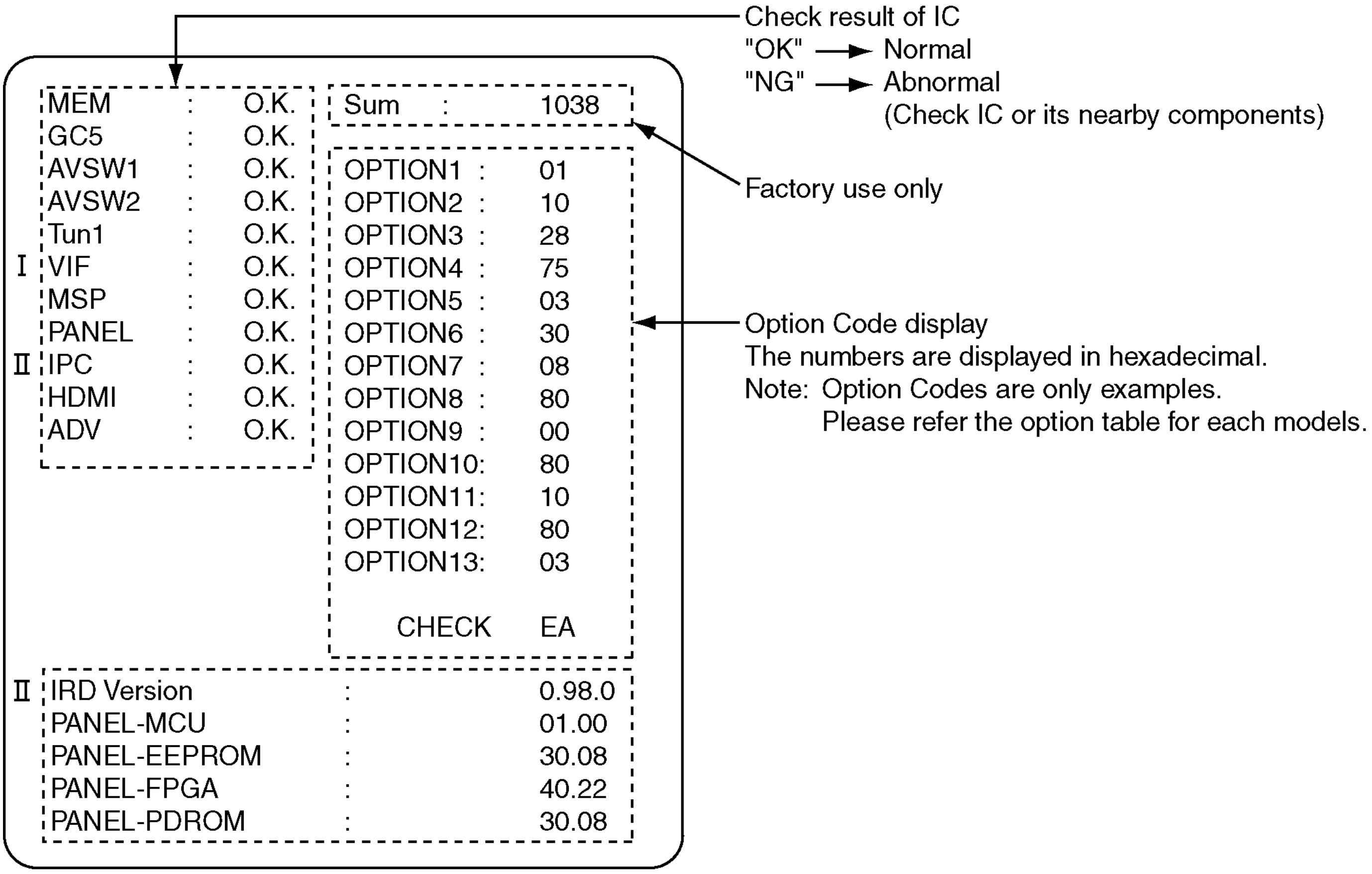
The terminal in the earth lead wire is fasten in the aluminum boss with the screw.

Push lead wire to avoid being bitten by edge sadole.

Connector No.	⑱	⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	㉗	㉘		㉛	㉜
PA2 - SP-R	○	○	○											
PA2 - SP-L	○	○	○	○	○		○	○	○					
H51 - G51											○			
K1 - G1								○	○	○				
S1 - SS34													○	○
KPRINT GND														

8 Self Check

1. Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.
2. To get into the Self -Check mode press the Down (–/V) button on the customer controls at the front of the set, at the same time pressing the Information button on the remote control, and the screen will show :



```
    MEM      :   O.K.     Sum     :      1038

    GC5      :   O.K.
    AVSW1    :   O.K.     OPTION1  :   01
    AVSW2    :   O.K.     OPTION2  :   10
    Tun1     :   O.K.     OPTION3  :   28
 I  VIF      :   O.K.     OPTION4  :   75
    MSP      :   O.K.     OPTION5  :   03
    PANEL    :   O.K.     OPTION6  :   30
 II IPC      :   O.K.     OPTION7  :   08
    HDMI     :   O.K.     OPTION8  :   80
    ADV      :   O.K.     OPTION9  :   00
                          OPTION10:    80
                          OPTION11:    10
                          OPTION12:    80
                          OPTION13:    03

                             CHECK     EA

 II IRD Version          :            0.98.0
    PANEL-MCU            :            01.00
    PANEL-EEPROM         :            30.08
    PANEL-FPGA           :            40.22
    PANEL-PDROM          :            30.08
```

Check result of IC
"OK" ⟶ Normal
"NG" ⟶ Abnormal
(Check IC or its nearby components)

Factory use only

Option Code display
The numbers are displayed in hexadecimal.
Note: Option Codes are only examples.
Please refer the option table for each models.

I : PV60B only
II : PX60B only

If the CCU ports have been checked and found to be incorrect or not located then “--” will appear in place of “O.K.”.

Display	Ref.No.	Description	Board
MEM	IC1102	EEPROM	DG-Board
GC5	IC4037	GC5 Processor	DG-Board
AVSW1	IC3005	Video SW	H-Board
AVSW2	IC2105	Audio SW	H-Board
Tun1	TU001	Tuner	TA-Board
VIF	-	-	-
MSP	IC2106	Multi Sound Processor	H-Board
PANEL	IC9003	Convert Micon	D-Board
IPC	IC8013	PEAKS Lite	XV-Board
HDMI	IC4026	HDMI I/F Receiver	DG-Board
ADV	IC4019	10bit A/D	DG-Board

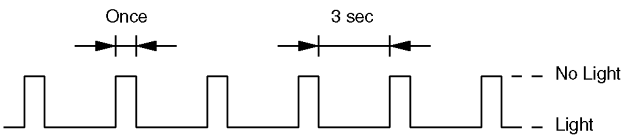
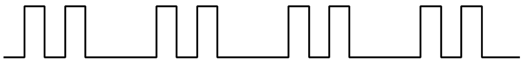
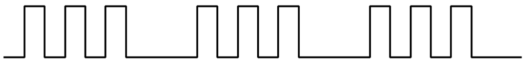
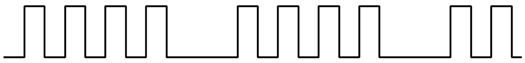
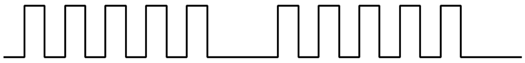
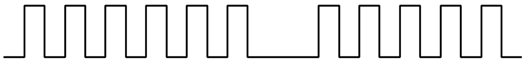
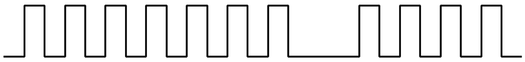
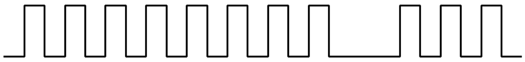
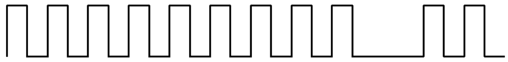
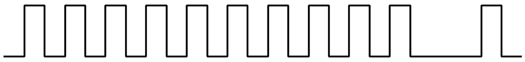
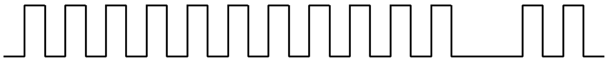
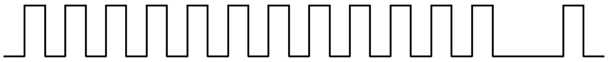
8.1. Power LED Blinking timing chart

1. Subject

   Information of LED Flashing timing chart.

2. Contents

   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

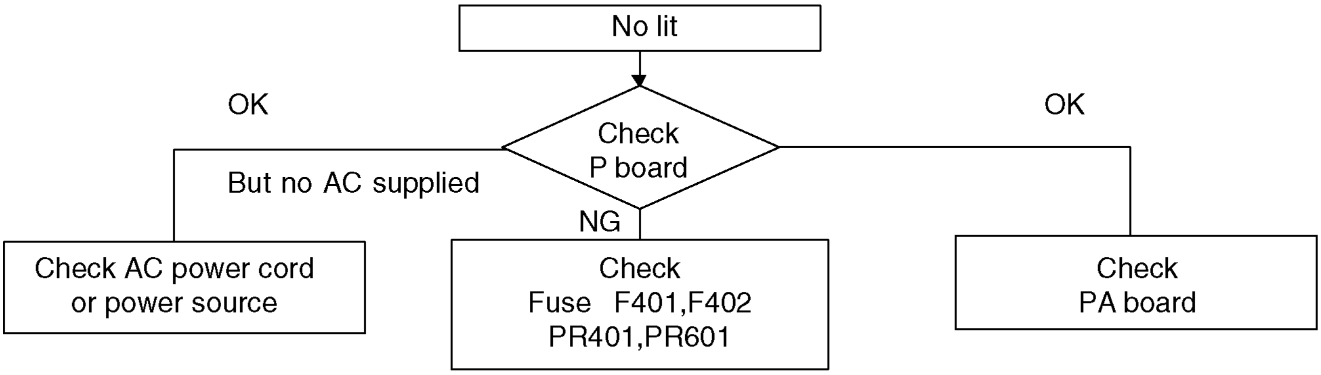
Blinking Times	Blinking timing	Contents	Check point
1		No particalar check point	-
2		12V SOS	D-Board
3		3.3V SOS	D-Board
4		Power SOS	P-Board
5		5V SOS	D-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SS-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board
9		Panel Status	-
10		PA SOS Tuner SOS	PA-Board H-Board
11		Fan SOS	Fan
12		Sound SOS	PA-Board

8.2. No Power

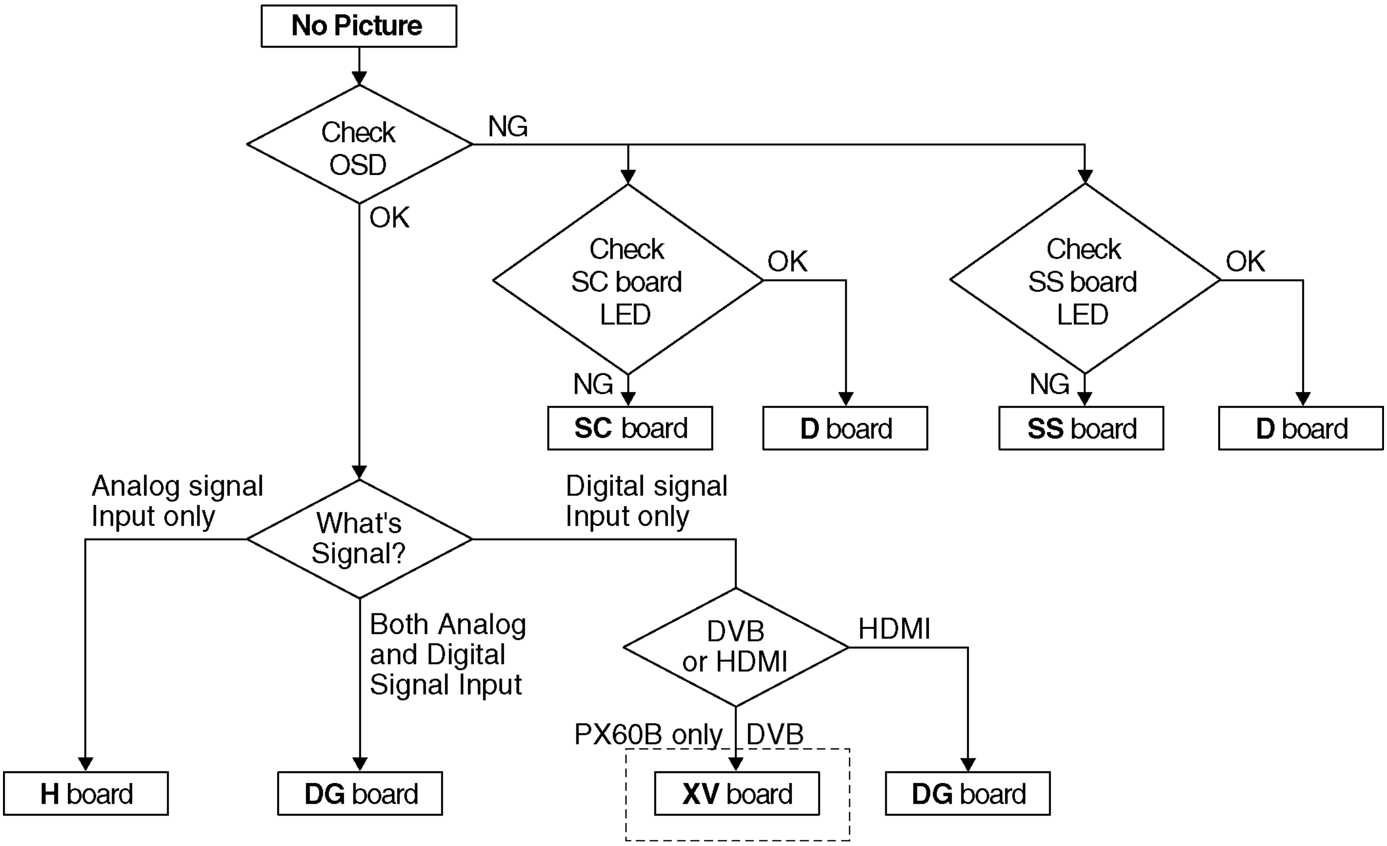
First check point

There are following 3 states of No Power indication by power LED.

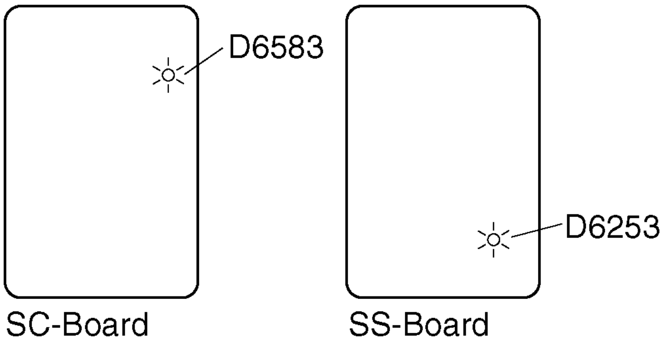
1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.


No lit
OK
Check
P board
OK
But no AC supplied
NG
Check AC power cord
or power source
Check
Fuse F401,F402
PR401,PR601
Check
PA board

8.3. No Picture

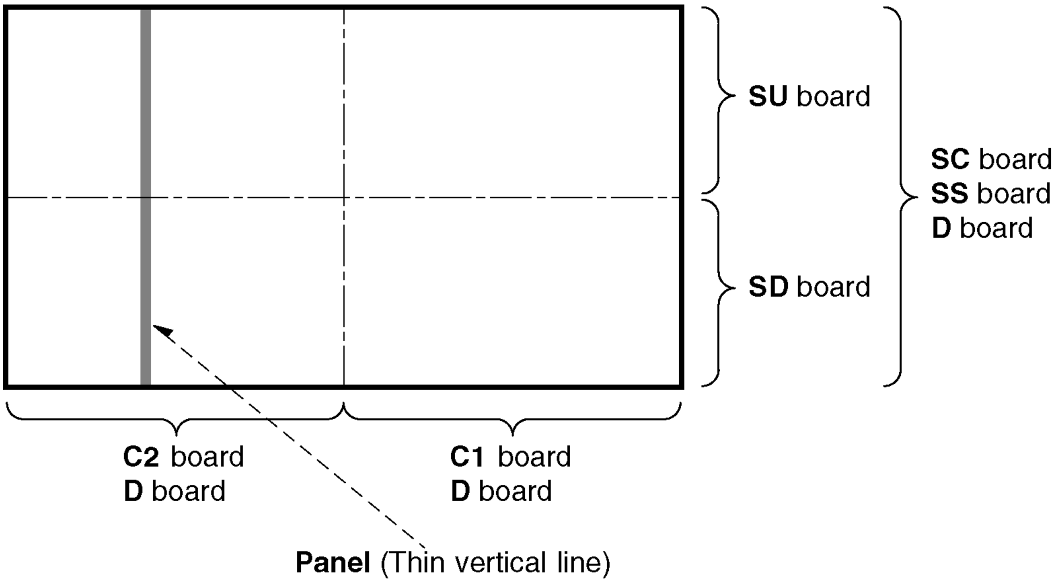

No Picture
Check OSD
NG
OK
Check SC board LED
OK
NG
SC board
D board
Check SS board LED
OK
NG
SS board
D board
Analog signal Input only
What's Signal?
Digital signal Input only
Both Analog and Digital Signal Input
DVB or HDMI
HDMI
PX60B only
DVB
H board
DG board
XV board
DG board

Drive circuits LED indicator


D6583
D6253
SC-Board
SS-Board

8.4. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.


SU board
SD board
SC board
SS board
D board
C2 board
D board
C1 board
D board
Panel (Thin vertical line)

<Local screen failure chart>

Fig-1

9 Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

9.1. How to enter SERVICE 1

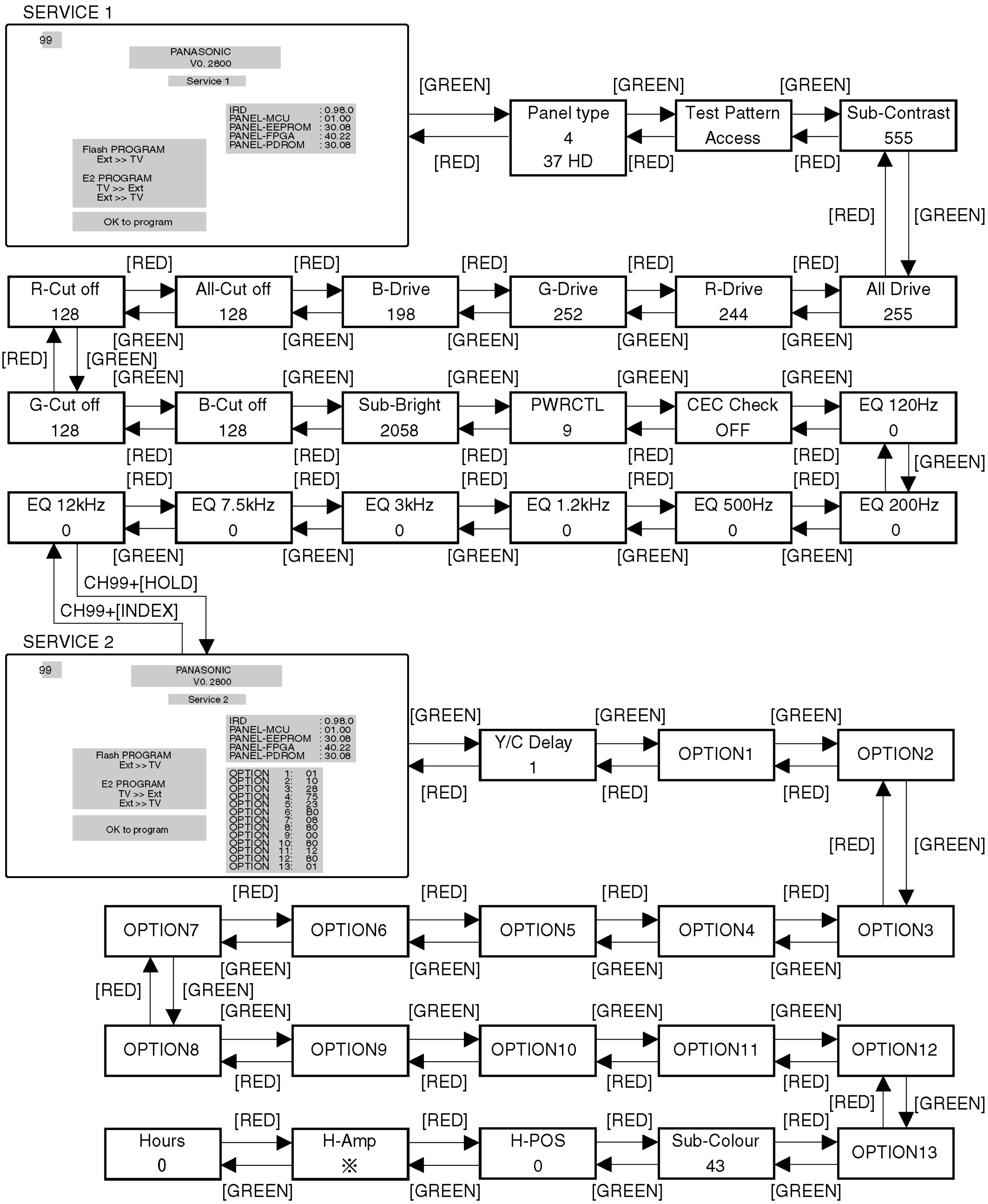
1. In sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.
2. Simultaneously press **INDEX** button on remote control and **DOWN** button [—/∨] on the TV set.

9.2. How to enter SERVICE 2

1. Set the channel to CH99.
2. Select the EQ 12kHz.
3. Press HOLD button on remote control.

Note:

To exit to Service mode, press EXIT or Power button on remote control.


SERVICE 1
99
PANASONIC
V0. 2800
Service 1
IRD : 0.98.0
PANEL-MCU : 01.00
PANEL-EEPROM : 30.08
PANEL-FPGA : 40.22
PANEL-PDROM : 30.08
Flash PROGRAM
Ext >> TV
E2 PROGRAM
TV >> Ext
Ext >> TV
OK to program
[GREEN]
[RED]
Panel type
4
37 HD
Test Pattern
Access
Sub-Contrast
555
All Drive
255
R-Drive
244
G-Drive
252
B-Drive
198
All-Cut off
128
R-Cut off
128
G-Cut off
128
B-Cut off
128
Sub-Bright
2058
PWRCTL
9
CEC Check
OFF
EQ 120Hz
0
EQ 200Hz
0
EQ 500Hz
0
EQ 1.2kHz
0
EQ 3kHz
0
EQ 7.5kHz
0
EQ 12kHz
0
CH99+[HOLD]
CH99+[INDEX]
SERVICE 2
99
PANASONIC
V0. 2800
Service 2
IRD : 0.98.0
PANEL-MCU : 01.00
PANEL-EEPROM : 30.08
PANEL-FPGA : 40.22
PANEL-PDROM : 30.08
Flash PROGRAM
Ext >> TV
E2 PROGRAM
TV >> Ext
Ext >> TV
OK to program
OPTION 1: 01
OPTION 2: 10
OPTION 3: 28
OPTION 4: 75
OPTION 5: 23
OPTION 6: B0
OPTION 7: 08
OPTION 8: 80
OPTION 9: 00
OPTION 10: 80
OPTION 11: 12
OPTION 12: 80
OPTION 13: 01
Y/C Delay
1
OPTION1
OPTION2
OPTION3
OPTION4
OPTION5
OPTION6
OPTION7
OPTION8
OPTION9
OPTION10
OPTION11
OPTION12
OPTION13
Sub-Colour
43
H-POS
0
H-Amp
※
Hours
0

※ : This item appears when "component" selecting

Key Command

- Press the **RED/GREEN** button to step up/down through the functions.
- Press the **YELLOW/BLUE** button to change the function values.
- Press the **OK** button after each adjustment has been mode to store the required values.

9.3. Option Description

		PV60E	PX60B		
option1		4F	01		
	b0	1	1	Colour system	Auto(1)
	b1	1	0		SECAM(1)
	b2	1	0		NTSC(1)
	b3	1	0		M.NTSC(1)
	b4	0	0	A2 select 6.5MHz	5.742MHz(0) 6.742MHz(1)
	b5	0	0	SIF	I only(0), BG only(1)
	b6	1	0		I/BG/DK/L(2), BG/DK(3)
	b7	0	0	free	
option2		11	10		
	b0	1	0	A2 enable	enable(1)
	b1	0	0		not use
	b2	0	0		not use
	b3	0	0		not use
	b4	1	1	NICAM enable	enable(1)
	b5	0	0		not use
	b6	0	0		not use
	b7	0	0		not use
option3		3A	28		
	b0	0	0	SASO enable	SASO enable(1)
	b1	1	0	Fine tuning	Enable(1)
	b2	0	0	Search speed	Slow(1) Fast(0)
	b3	1	1	Tuner	MACO tuner (1), Others (0)
	b4	1	0	HYPER	UHF only (0), UHF/VHF (1)
	b5	1	1	IF I2C	I2C controlled Tuner IF module (1)
	b6	0	0	NICAM C4 bit	enable(1)
	b7	0	0	Blue Back	BLUE BACK on/off selection in menu(0)
option4		D9	75		
	b0	1	1	Aspect AUTO	enable(1)
	b1	0	0	S1/S2 enable	enable(1)
	b2	0	1	ID-1	enable(1)
	b3	1	0	User aspect Just	enable(1)
	b4	1	1	User aspect 14:9	enable(1)
	b5	0	1	ALBD 14:9	14:9 enable, Zoom3 disable at self wide(1)/ Zoom1, Zoom3 enable at self wide (0)
	b6	1	1	TEXT	enable(1)
	b7	1	0	TEXT TOP	TOP enable (1)
option5		23	23		
	b0	1	1	CH Blanking	Blanking enable (1)
	b1	1	1	AV Blanking	Blanking enable (1)
	b2	0	0	Noise mute	Noise mute enable(0)
	b3	0	0	sub picture	without sub-picture(0), with sub-picture(1)
	b4	0	0	2tuner	2tuner(1),1tuner(0)
	b5	1	1	AV Input	3rotation(1) / 2rotation without front RCA (0)
	b6	0	0	Panel (LCD)	Samsung Panel(1)/SHARP Panel(0)
	b7	0	0	Large size (LCD)	32(1)/26(0) for LCD
option6		A0	B0		
	b0	0	0	SD module	with SD module (1)
	b1	0	0	SD module Ext.Rec(PAL)	enable(1)
	b2	0	0	SD module Ext.Rec(NTSC)	enable(1)
	b3	0	0	SD module Ext.Rec(SECAM)	enable(1)
	b4	0	1	IDTV	enable(1)
	b5	1	1	HDMI	enable(1)
	b6	0	0	Ext. HV input	without HV input(0) / with HV input(1)
	b7	1	1	PC	enable(1)
option7		00	08		
	b0	0	0	Asia	Asia(1),europe(0)
	b1	0	0	Australia	not use
	b2	0	0	Ireland/India	Ireland(1)
	b3	0	1	UK/Korea	UK(1)
	b4	0	0	Lang1	not use
	b5	0	0	Lang2	not use
	b6	0	0	Lower POS	not use
	b7	0	0	Owner ID	not use

		PV60E	PX60B		
option8		78	80	**Euro option**	
	b0	0	0	ACI all country	ACI enable(1), only Netherlands(0)
	b1	0	0	ACI auto MP	ACI auto multi package enable (1)
	b2	0	0	ACI offset	ACI offset for VCR prog. enable(1)
	b3	1	0	Power up EC-Mode	Power on EC enable (1)
	b4	1	0	AVLink	Q-Link off selectable in menu (1)
	b5	1	0	Volume correction	TV Volume coorrection enable (1)
	b6	1	0	MPX/NICAM display	Display NICAM (0), Display MPX (1)
	b7	0	1	Albd Reset Off	enable(1)
option9		00	00		
	b0	0	0	CH Plan	ASIA / M.E. / HK/UK / CHINA(1)
	b1	0	0		NZ/INDNES(1)
	b2	0	0		AUSTRALIA(1)
	b3	0	0		E.EUROPE(1)
	b4	0	0		SPECIAL(1)
	b5	0	0		AMERICA(1)
	b6	0	0		CATV(1)
	b7	0	0		JAPAN(1)
option10		80	80		
	b0	0	0	NICAM priority	ASIA/M.E.(1)
	b1	0	0		HK/UK(1)
	b2	0	0		CHINA(1)
	b3	0	0		NZ/INDN(1)
	b4	0	0		AUSTRA(1)
	b5	0	0		E.EURO(1)
	b6	0	0		SPECIAL(1)
	b7	1	1	HDMI AVI Aspect	enable(1)
option11		42	42	**Additional**	
	b0	0	0	Remocon Type	Delux(1) / Leader(0)
	b1	1	1	Environment AI (PDP)	enable, with viewing mode auto (1) / disable, without viewing mode auto(0)
	b2	0	0	WSS14:9 off	WSS 14:9 off (1)
	b3	0	0	Child lock	Child Lock on:Tuning Menu skip(1)
	b4	0	0		
	b5	0	0	Contrast AI	enable(1)
	b6	1	1	Service H-POS	enable(1)
	b7	0	0	Service V-VOS	enable(1)
option12		00	80	**Additional**	
	b0	0	0	last memory of aspect	each source(1) / ALL source(0)
	b1	0	0	Reserved	
	b2	0	0	TEXT Ch Refresh	refresh enable(1) / disenable(0)
	b3	0	0	STILL	1:Disable / 0:Enable
	b4	0	0	LATIN	Latin:SAP/Fixed SIF4.5MHz/PAL-M,N/CC/Black level/Language
	b5	0	0	SRS	enable(1)
	b6	0	0	HDMI Quali TV	enable(0)
	b7	0	1	HDMI EC function	enable(1)
option13		20	30	**Additional**	
	b0	0	0	DVB ALBD	enable(1)
	b1	0	0	HDMI port	enable(0) 2 ports model/(1)1port model (only for TV MCU port setting)
	b2	0	0	HDMI format error OSD	display(0)/not display(1)
	b3	0	0	CEC control	enable(0)
	b4	0	1	Aspect 4:3 FULL	enable(0)
	b5	1	1	FTZ	enable(1)
	b6	0	0		
	b7	0	0		

10 Adjustment Procedure

10.1. Driver Set-up

10.1.1. Item / Preparation

1. Input a white signal to plasma video input.
2. Set the picture controls as follows.

Picture menu: Dynamic
P-NR: OFF
Aspect: 16:9

Caution

1. First perform Vsus adjustment.
2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.

   When Vad=-90V, Voltage of Vscn is 30V ±3V.

10.1.2. Adjustments

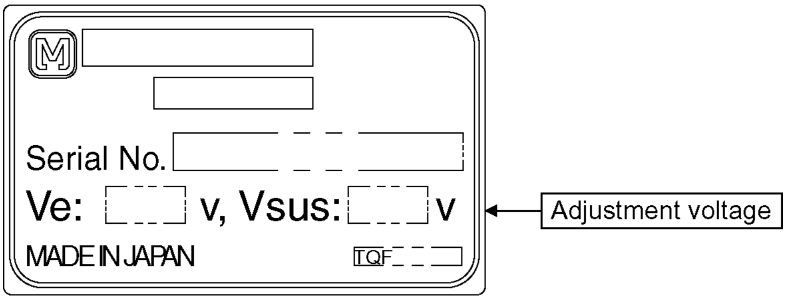
Adjust driver section voltages referring the panel data on the panel data label.

Check or adjust the following voltages with the multimeter.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
Vset	TPVSET (SC)	260V ± 7V	Fixed	
Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad+140V ± 4V	Fixed	
Vda	TPVDA (SS)	75V ± 1V	Fixed	
Vdat	P12-1, 5 (P)	75.5V ± 0.1V	R665 (P)	
PFC	C446 (+)(-)	396V ± 0.5V	R443 (P)	

*See the Panel label.

Panel Label information

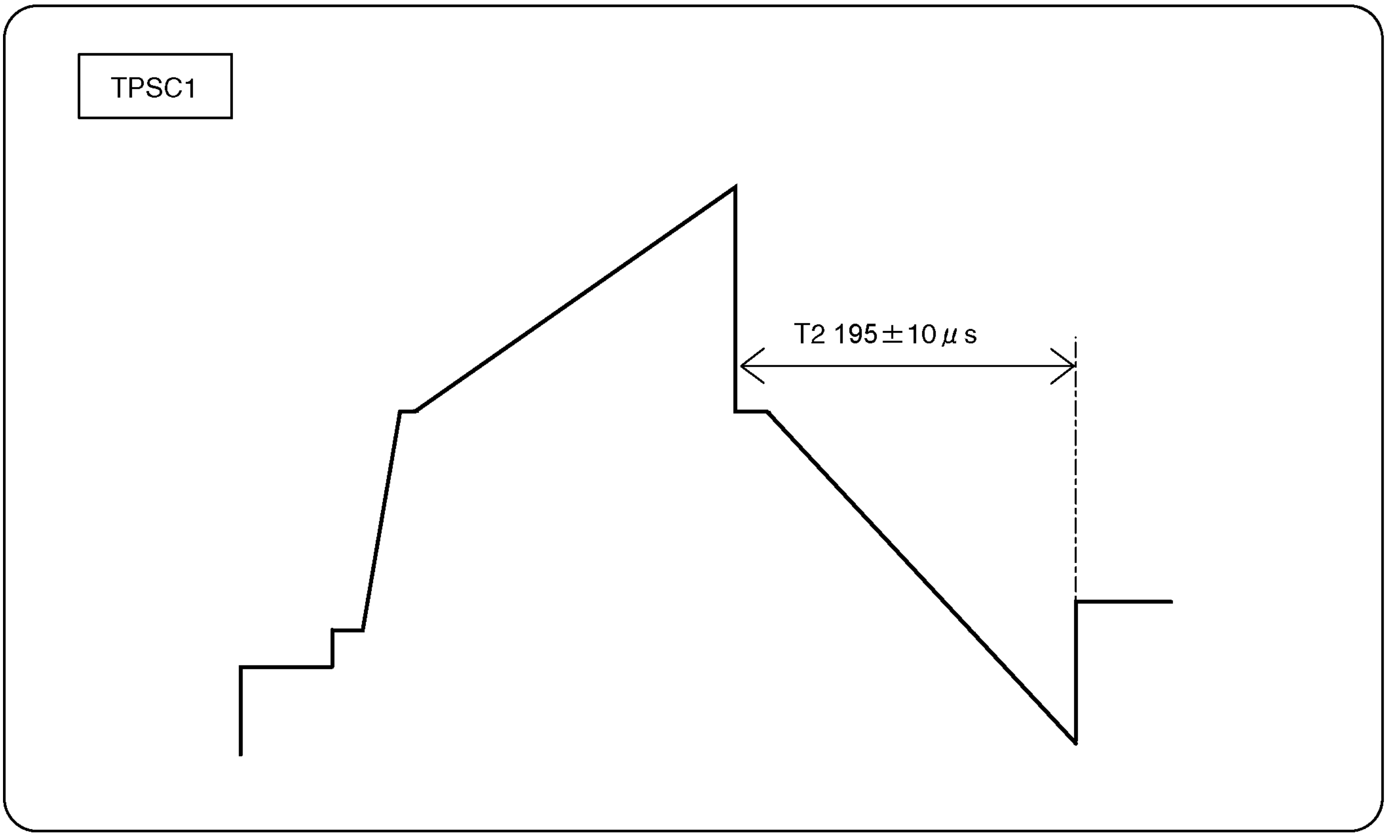


10.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.
2. Set the picture controls as follows.

   Picture menu: Dynamic
   P-NR: OFF
   Aspect: 16:9
3. Connect Oscilloscope to TPSC1 (T2) and adjust VR6602 for 195+10µ Sec.

	Test point	Volume	Level
T2	TPSC1 (SC)	VR6602 (SC)	195 ± 10µ Sec



10.3. P.C.B. (Printed Circuit Board) exchange

10.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

10.3.2. Quick adjustment after P.C.B. exchange

Adjust the following voltages with the multimeter.

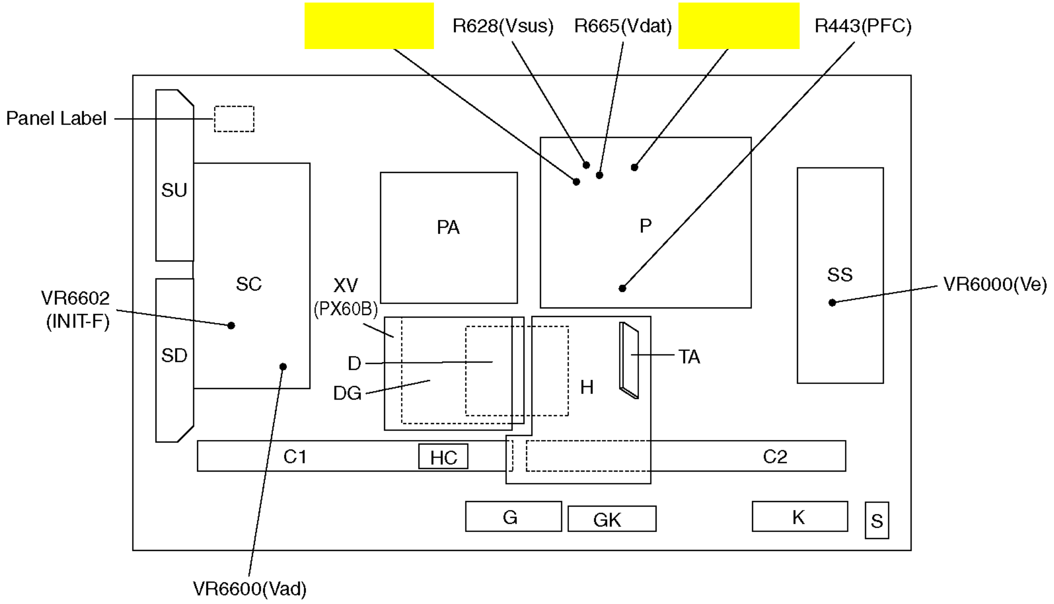
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
	Vdat	P12-1, 5 (P)	75.5V ± 0.1V	R665 (P)	
	PFC	C446 (+) (-) (P)	396V ± 0.5V	R443 (P)	
SC Board	Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
D, DG Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

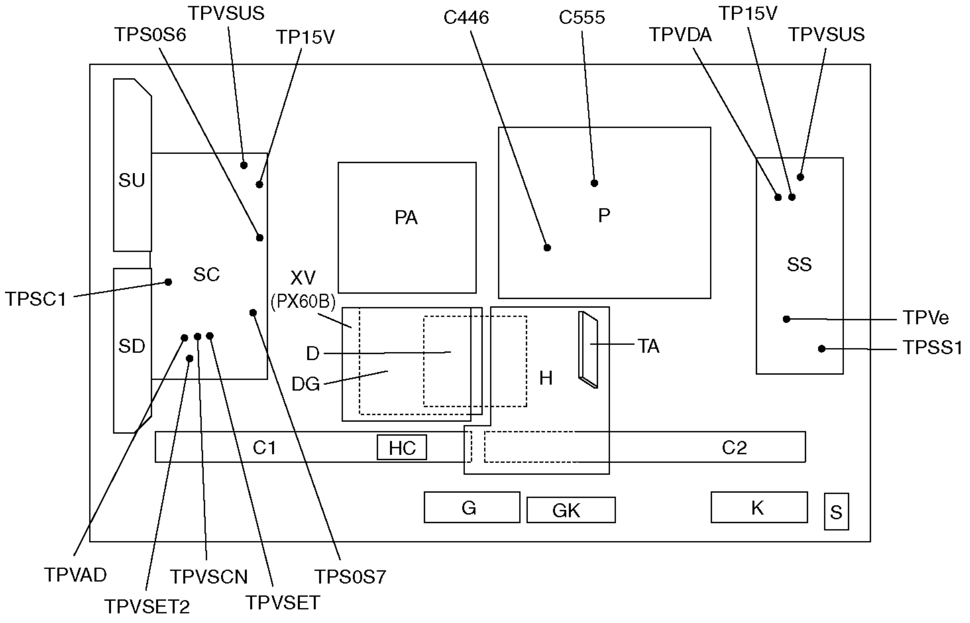
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

10.4. Adjustment Volume Location


R628(Vsus)
R665(Vdat)
R443(PFC)
Panel Label
SU
SC
PA
P
SS
VR6602
(INIT-F)
XV
(PX60B)
SD
D
DG
H
TA
VR6000(Ve)
C1
HC
C2
G
GK
K
S
VR6600(Vad)

10.5. Test Point Location


TPVSUS
TPS0S6
TP15V
C446
C555
TP15V
TPVDA
TPVSUS
SU
PA
P
SS
SC
TPSC1
XV
(PX60B)
TPVe
TPSS1
SD
D
TA
DG
H
C1
HC
C2
G
GK
K
S
TPVAD
TPVSCN
TPS0S7
TPVSET2
TPVSET

11 Adjustment

11.1. PAL panel white balance adjustment

Instrument Name	Connection	Remarks
・W/B pattern ・Color analyzer (Minolta CA-100 or equivalent)	RF input Panel surface	User setting: Normal

Procedure

- ・Asing time is longer than 15min.
- ・Make sure the front panel to be used on the final set is fitted.
- ・Make sure a color signal is not being shown before adjustment.
- ・Put the color analyzer where there is little colour variation.

  Complete the adjustment within 10 minutes after the turn on electricity.

  Turn on the power supply again when it is not possible to complete it by aging etc.

1. Display the white balance pattern.
2. Check that the color balance is “cool”.
3. Enter the <Service-Menu1> mode.
4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”.

   Also, “B-CUTOFF” and “R-CUTOFF” set to “128”.
5. Set “G-DRIVE” at “224”.
6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table.
7. Set “ALL-DRIVE” to “252”.
8. Set colorbalance to “Normal”.
9. Fix G cutoff , B cutoff and R cutoff at “128”.
10. Fix G drive at “224”.
11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table.
12. Set “ALL-DRIVE” to “252”.
13. Set color balance to “Warm”.
14. Set G cutoff, B cutoff and R cutoff to “128”.
15. Set G drive to “224”.
16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table.
17. Set “ALL-DRIVE” to “252”.

Table 1. Color balance target value

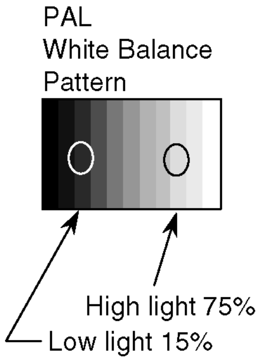
Color Temperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Remarks

Picture menu : Dynamic
ASPECT : 16:9

- ・Highlight section

  Signal amplitude 75%



11.2. HD white balance adjustment

Instrument Name	Connection	Remarks
· 1080i W/B Pattern · Color analyzer(Minolta CA-100 or equivalent)	· RF input · Panel surface	User setting: Normal

Procedure

- Asing time is longer than 15min.
- Make sure the front panel to be used on the final set is fitted.
- Make sure a color signal is not being shown before adjustment.
- Put the color analyzer where there is little colour variation.

Complete the adjustment within 10 minutes after the turn on electricity.
Turn on the power supply again when it is not possible to complete it by aging etc.

1. Display the white balance pattern.
2. Check that the color balance is “cool”.
3. Enter the <Service-Menu1> mode.
4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”.

   Also, “B-CUTOFF” and “R-CUTOFF” set to “128”.
5. Set “G-DRIVE” at “224”.
6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table.
7. Set “ALL-DRIVE” to “252”.
8. Set colorbalance to “Normal”.
9. Fix G cutoff , B cutoff and R cutoff at “128”.
10. Fix G drive at “224”.
11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table.
12. Set “ALL-DRIVE” to “252”.
13. Set color balance to “Warm”.
14. Set G cutoff, B cutoff and R cutoff to “128”.
15. Set G drive to “224”.
16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table.
17. Set “ALL-DRIVE” to “252”.

Table 1. Color balance target value

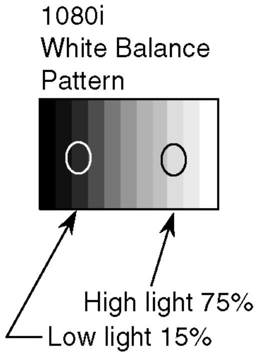
Color Temperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Remarks

Picture menu: Dynamic
ASPECT:16:9

- Highlight section

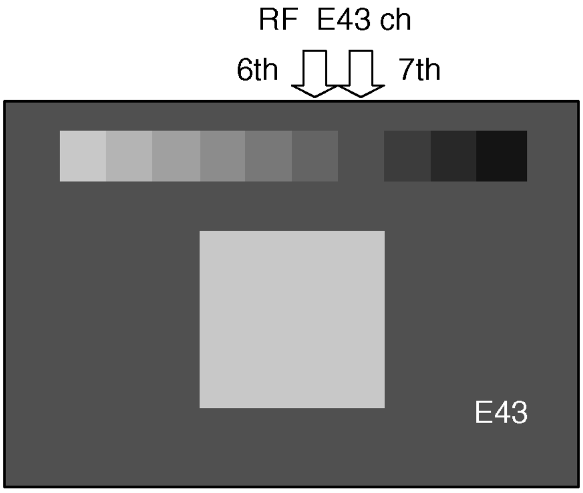
  Signal amplitude 75%



* The Color balance COOL differs from Japanese model values.

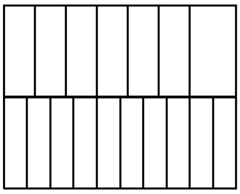
11.3. Sub bright adjustment

Instrument Name	Connection	Remarks
1. PAL signal generator (or RF)	Connect to the input terminal	User setting: Normal

Procedure	Remarks
・Color balance adjustment is finished for each signal. ・Do adjustments in a dark room. ・Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the pattern for adjusting subbright from video input. 2. Use "Sub-Bright" in the <Sevice-Menu1> mode to adjust so the 6th section shows up and the 7th fades away. Data Sub-Bright total 12bit data addresses LSB 8bit A0-016c bit7-0 MSB 4bit A0-016d bit3-0  RF E43 ch.	Picture menu: Dynamic Color balance: Normal ASPECT: 16:9 * If using RF ch.E04 or E43

11.4. ABL adjustment

Instrument Name	Connection	Remarks
1. HD signal emitter (or Leader : 1080i/No.9 signal) 2. Wattmeter	COMPONENT input terminal Connect the AC power of the set to the wattmeter.	

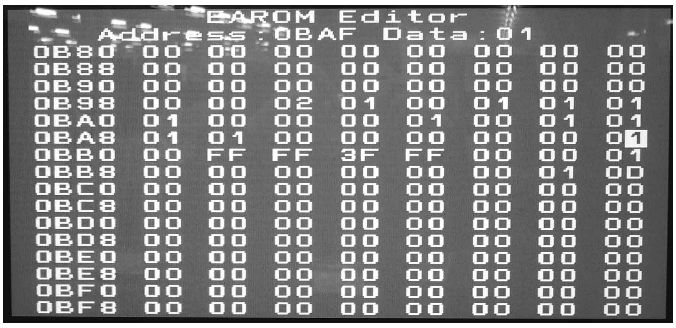
Procedure	Remarks
・Make sure the set is aged for 30 minutes or more before adjustment. (Do not switch off during or after aging.) ・Voltage 230V 50Hz (variation within 1%) ・Volume at minimum and screen size at “16:9” Component input, dynamic, standard 1. Connect the set´s AC power to the wattmeter. 2. Input the signal (top half: color bar, Bottom half :Horizontal 10steps bar). 3. Select the “PWRCTL” item in the Service1. 4. Adjust PWRCTL so the set´s power consumption is TH-37PV60E 271 ±10W TH-37PX60B 280 ±10W TH-42PV60E 331 ±10W TH-42PX60B 340 ±10W Remarks 1. The initial data are 0×00 for 37/42SD (A0-0102) 2. The power and data are in reverse relationship. (Lower the data to raise the power.) ・Raising direction (↑):20→1F ・Lowering direction (↓):20→1A 3. There is a possibility that the adjustment value can do two places, adjust it in that case, that the value of PWRCTL is large.  No.9 Signal Top half: Full color bar Bottom half: Horizontal 10 steps bar	

12 Hotel mode

1. Purpose

   Restrict a function for hotels.

2. Access command
   - Enter to the Service 2 Mode.
   - Press Information button on remote control and entry to the EAROM EDITOR Mode.
   - Press the RED/GREEN button to step up/down through the address.
   - Press the YELLOW/BLUE button to step left/right through the address.
   - Press the PROGRAMME UP/DOWN button to step up/down through the page.
   - Press the VOLUME UP/DOWN button to change the function values.
   - Set the data of EEPROM(ADDRESS 0BAF) to 01.
   - Press the OK button to memorize the data.



```
EAROM Editor
Address:0BAF Data:01
0B80 00 00 00 00 00 00 00 00
0B88 00 00 00 00 00 00 00 00
0B90 00 00 00 00 00 00 00 00
0B98 00 00 02 01 00 01 01 01
0BA0 01 00 00 00 01 00 01 01
0BA8 01 01 00 00 00 00 00 01
0BB0 00 FF FF 3F FF 00 00 01
0BB8 00 00 00 00 00 00 01 0D
0BC0 00 00 00 00 00 00 00 00
0BC8 00 00 00 00 00 00 00 00
0BD0 00 00 00 00 00 00 00 00
0BD8 00 00 00 00 00 00 00 00
0BE0 00 00 00 00 00 00 00 00
0BE8 00 00 00 00 00 00 00 00
0BF0 00 00 00 00 00 00 00 00
0BF8 00 00 00 00 00 00 00 00
```

   Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.

   It can be made Hotel mode.

3. Exit command
   - First, set the data of EEPROM(ADDRESS 0BAF) to 00.

     Next, Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.

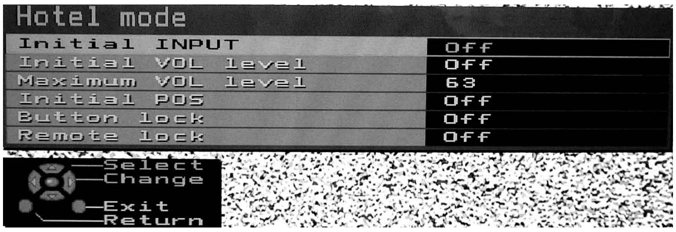
     Then, it is no longer hotel mode.

4. Access command to the Hotel mode setup menu
   - Prerequisite : It is conditions that the data of EEPROM(ADDRESS 0BAF) is 01.

     In order to display the Hotel mode setup menu, please enter the following command **(within 2 second)**.

     [TV]:down + [REMOTE]:TV/AV(3 times)

     Then, the Hotel mode setup menu is displayed.



Hotel mode

Initial INPUT Off

Initial VOL level Off

Maximum VOL level 63

Initial POS Off

Button lock Off

Remote lock Off

5. Explain the Hotel mode setup menu

item	Function
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/TV/AV1/AV2/AV2S/AV3/Av3S/AV4/Av4S/Component/PC/HDMI1/HDMI2 ・Off: give priority to a last memory. However, Euro model is compulsorily set to TV. ・AVnS/AVnC: only Euro model selectable ・PC: selectable with VGA option
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 63 ・Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 63
Initial POS	Select programme number. Selection : Off/0 to 99 ・Off: give priority to a last memory
Button lock	Select local key conditions. Selection : Off/SETUP/MENU/All ・Off: altogether valid ・SETUP: only F-key is invalid (Tuning guide(menu) can not be selected.) ・MENU: only F-key is invalid (only Volume/Mute can be selected.) ・All: altogether invalid.
Remote lock	Select remote control key conditions. Selection : Off/SETUP/MENU ・Off: altogether valid ・SETUP: only Setup menu is invalid ・MENU: Picture/Sound/Setup menu are invalid

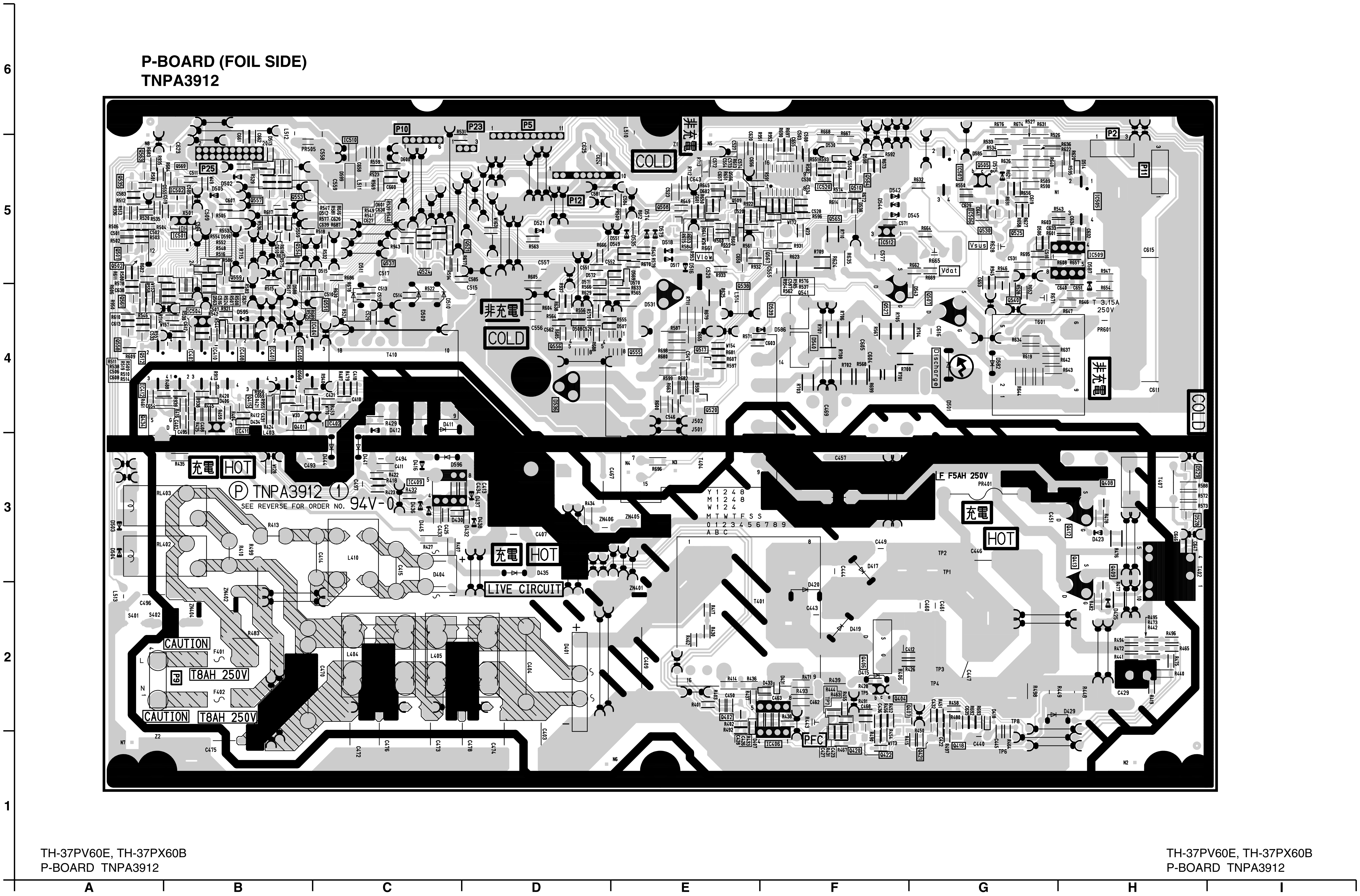
6. To exit the Hotel mode

   Disconnect AC power cord from wall outlet

13 Concuct Views

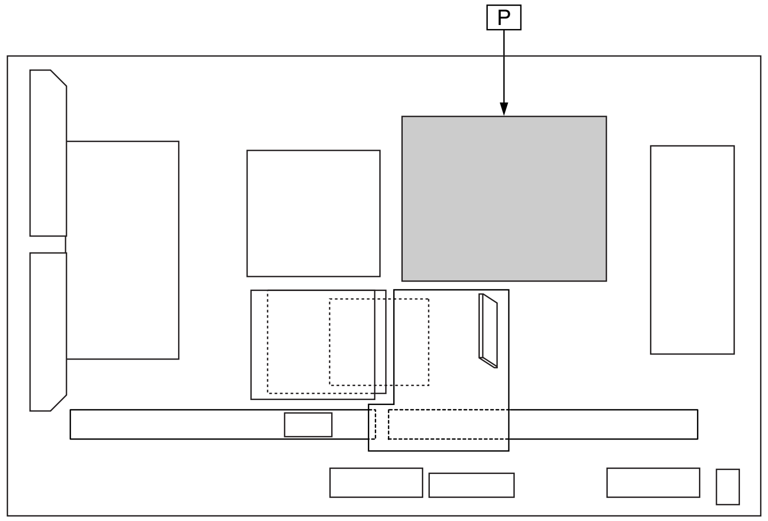
13.1. P-Board (37inch)

P-BOARD (FOIL SIDE)
TNPA3912


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
P10
P23
P5
P25
P12
P2
P11
P9
COLD
非充電
充電
HOT
LIVE CIRCUIT
CAUTION
T8AH 250V
F5AH 250V
T 3.15A 250V
TNPA3912
SEE REVERSE FOR ORDER NO.
94V-0
Vlow
Vsus
Vdat
Discharge
PFC
T410
T601
T401
T402
T407
L404
L405
L410
F401
F402
PR401
PR601
Y 1 2 4 8
M 1 2 4 8
W 1 2 4
M T W T F S S
0 1 2 3 4 5 6 7 8 9
A B C

TH-37PV60E, TH-37PX60B
P-BOARD TNPA3912

TH-37PV60E, TH-37PX60B
P-BOARD TNPA3912



Parts Location

P-BOARD (FOIL SIDE)

IC	
IC401	B-4
IC402	C-4
IC403	B-4
IC404	C-4
IC405	B-4
IC406	F-1
IC408	B-4
IC409	C-3
IC410	B-4
IC411	B-4
IC412	A-4
IC501	B-5
IC502	B-5
IC504	B-4
IC505	H-5
IC506	G-5
IC507	G-5
IC509	H-5
IC510	C-5
IC512	F-5
IC520	F-5

TRANSISTOR	
Q401	B-4
Q402	E-2
Q404	F-1
Q406	F-2
Q407	F-1
Q408	H-3
Q409	H-3
Q412	H-3
Q413	H-3
Q415	B-4
Q418	G-1
Q420	F-1
Q421	G-1
Q422	F-1
Q434	A-4
Q501	A-5
Q502	A-5
Q505	G-5
Q507	G-4
Q508	E-5
Q509	E-5
Q510	F-5
Q512	A-4
Q517	E-4
Q520	E-4
Q521	D-5
Q524	C-5
Q525	G-5
Q527	F-4
Q530	G-5
Q534	A-4
Q535	A-5
Q537	C-5
Q538	E-4
Q540	G-4
Q541	F-5
Q551	C-4
Q553	B-5
Q554	B-5
Q555	E-4
Q556	D-4
Q557	B-5
Q558	A-4
Q559	B-5
Q561	A-4
Q563	A-5
Q564	F-5
Q565	F-5
Q566	E-5
Q567	F-5
Q568	B-4
Q569	B-5

VOLUME	
R443	F-2
R628	G-5
R661	E-5
R665	G-5
R671	G-4

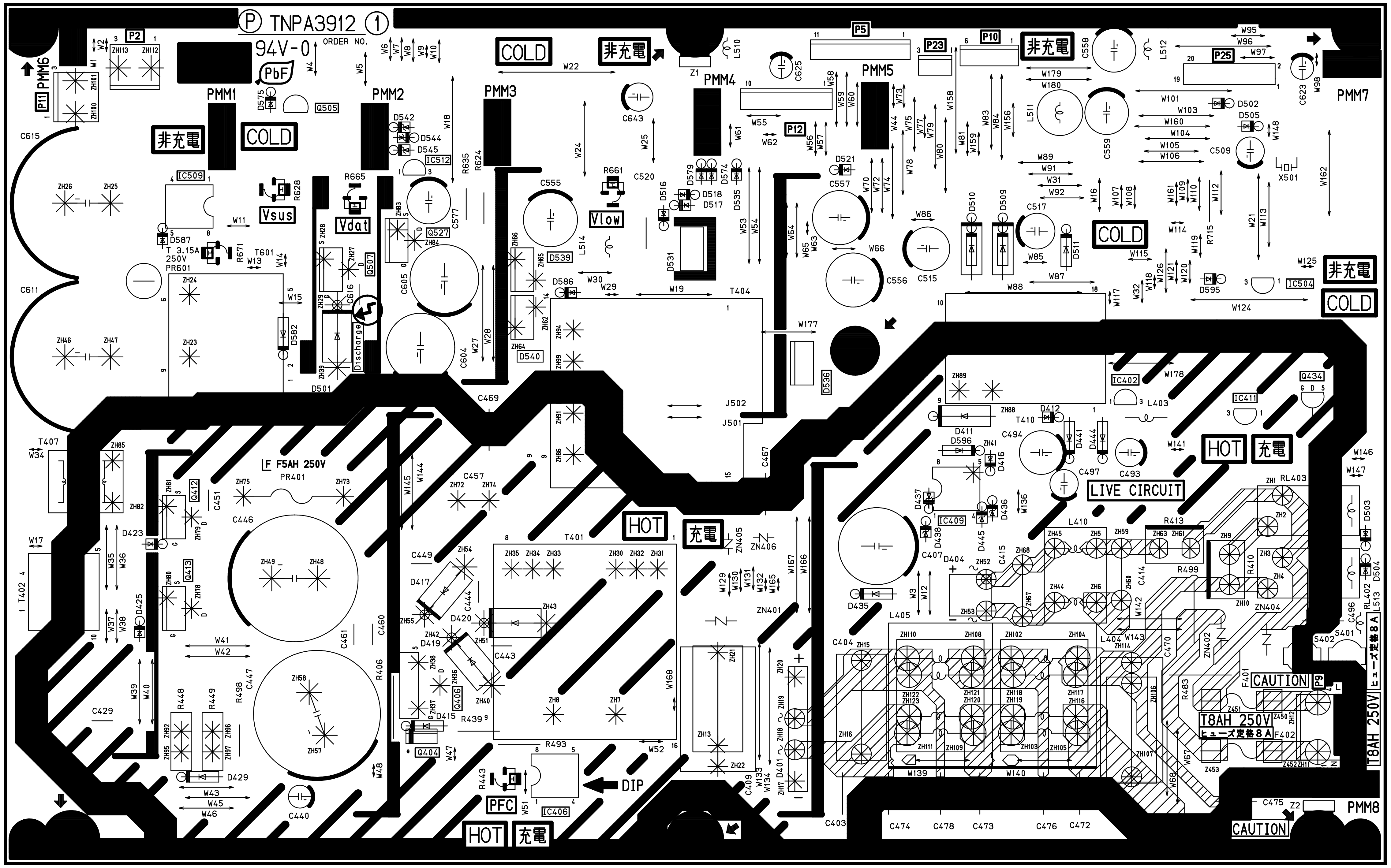
TH-37PV60E, TH-37PX60B
P-BOARD PARTS LOCATION

Parts Location

P-BOARD (COMPONENT SIDE)					
IC		**TRANSITOR**		**VOLUME**	
IC402	G-4	Q404	C-2	R443	D-2
IC406	D-1	Q406	D-2	R628	C-5
IC409	F-3	Q412	B-3	R661	D-5
IC411	H-4	Q413	B-3	R665	C-5
IC504	H-4	Q434	H-4	R671	B-4
IC509	B-5	Q505	C-5		
IC512	C-5	Q507	C-4		
		Q527	C-5		

TH-37PV60E, TH-37PX60B
P-BOARD PARTS LOCATION

P-BOARD (COMPONENT SIDE)
TNPA3912

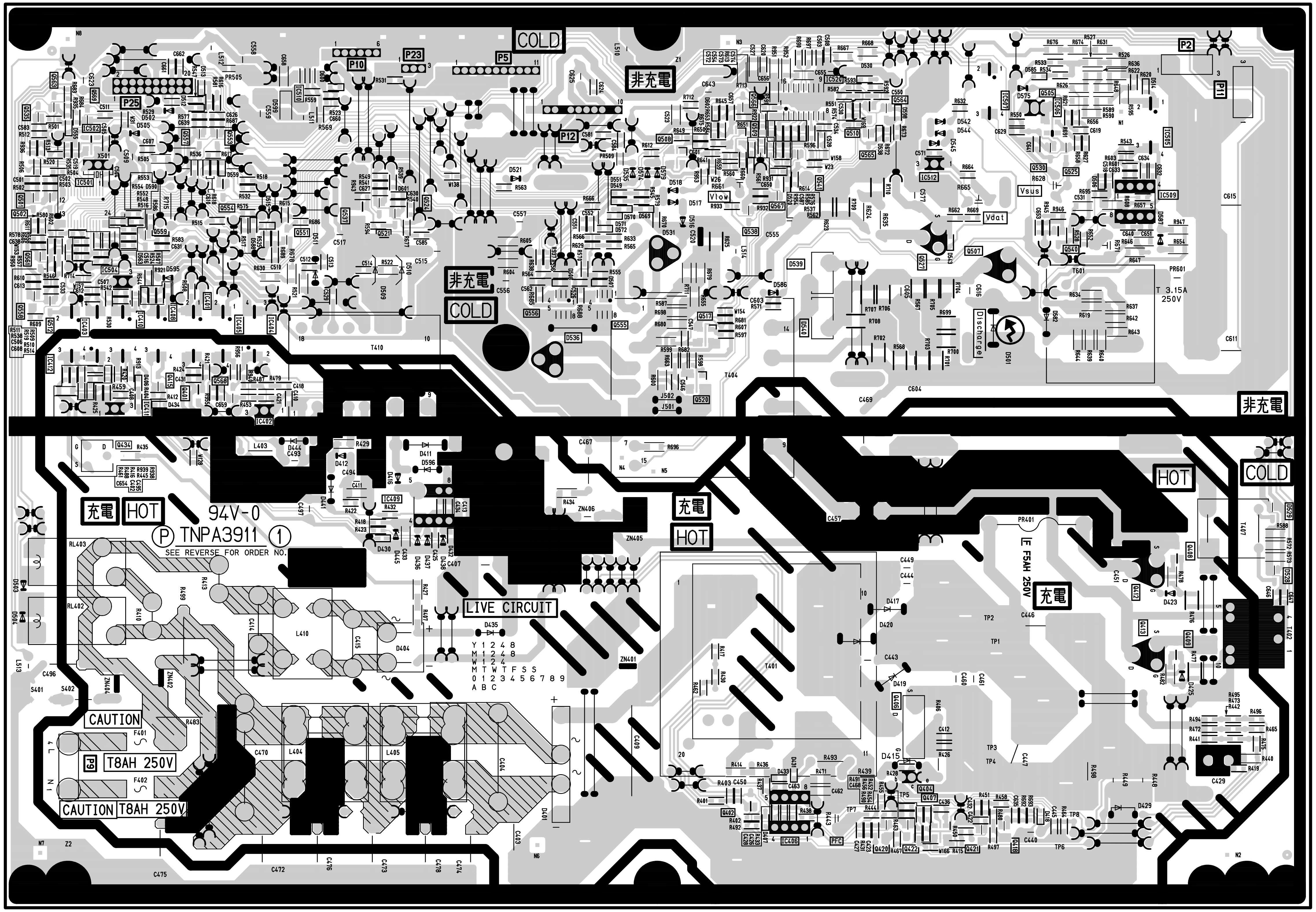

TNPA3912 ①
94V-0
ORDER NO.
PbF
COLD
HOT
非充電
充電
LIVE CIRCUIT
CAUTION
F5AH 250V
T8AH 250V
ヒューズ定格8A
T 3.15A 250V
PMM1
PMM2
PMM3
PMM4
PMM5
PMM6
PMM7
PMM8
Vsus
Vdat
Vlow
Discharge
PFC
DIP
T401
T402
T404
T407
T410
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

TH-37PV60E, TH-37PX60B
P-BOARD TNPA3912

TH-37PV60E, TH-37PX60B
P-BOARD TNPA3912

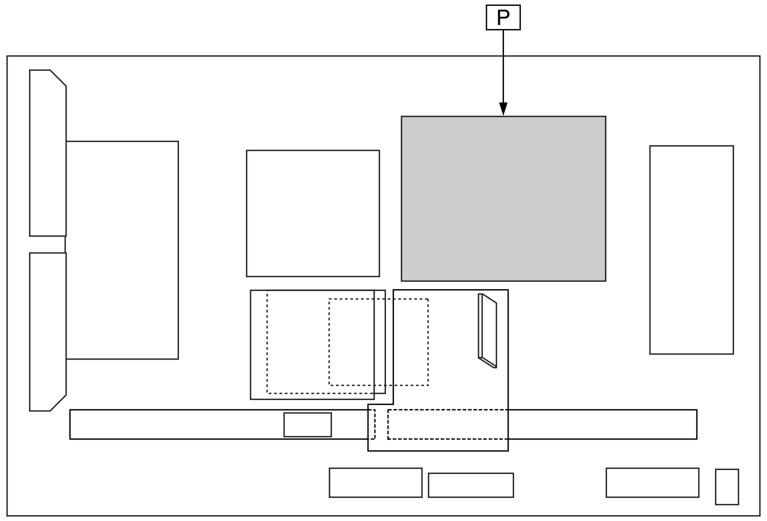
13.2. P-Board (42inch)

P-BOARD (FOIL SIDE)
TNPA3911


COLD
非充電
P10
P23
P5
P25
P12
P2
P11
Vlow
Vsus
Vdat
Discharge
T 3.15A
250V
充電
HOT
94V-0
P TNPA3911 ①
SEE REVERSE FOR ORDER NO.
LIVE CIRCUIT
F5AH 250V
CAUTION
T8AH 250V
P9
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

TH-42PV60E, TH-42PX60B
P-BOARD TNPA3911

TH-42PV60E, TH-42PX60B
P-BOARD TNPA3911



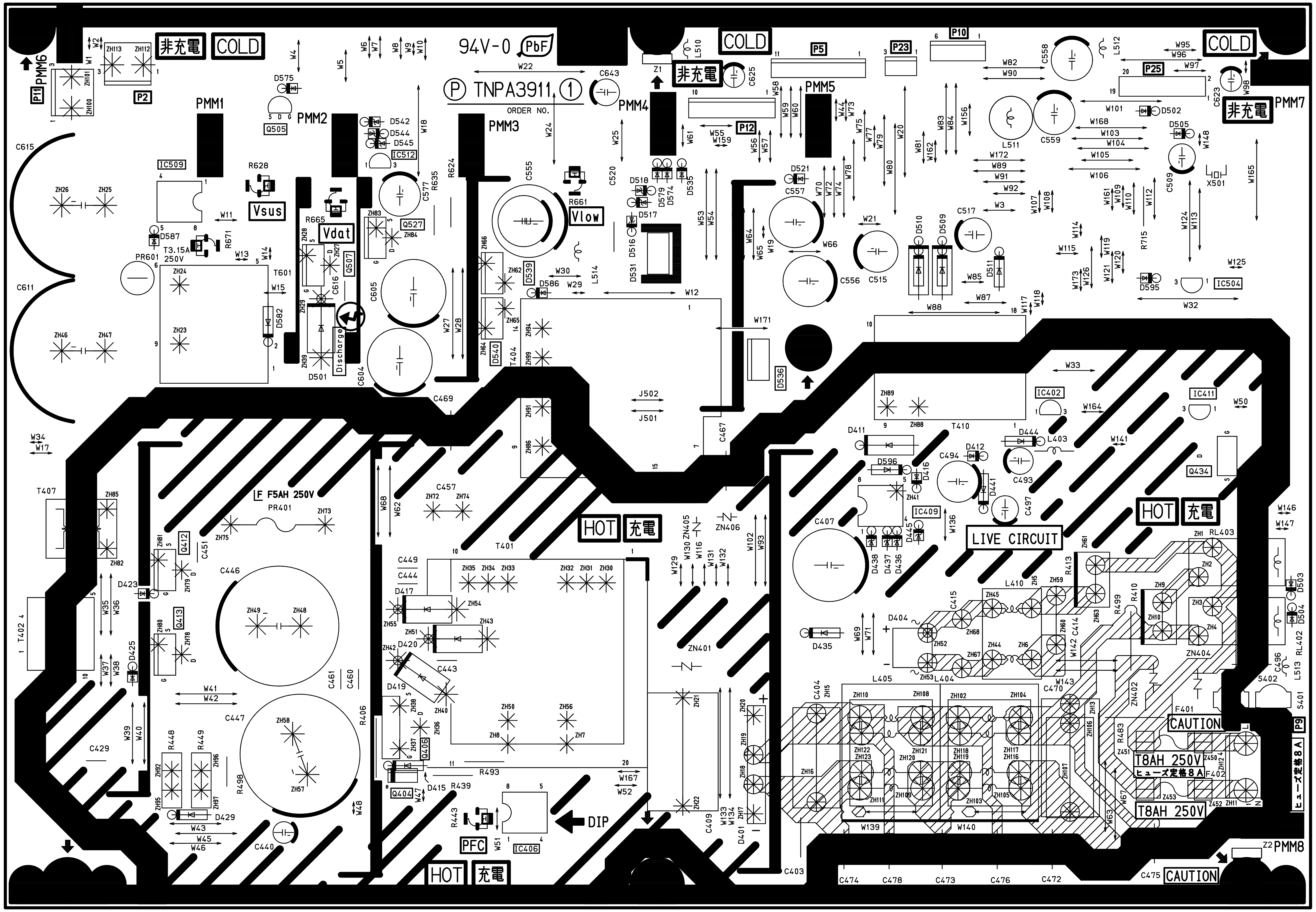
Parts Location

P-BOARD (FOIL SIDE)					
IC		**TRANSISTOR**		Q534	B-4
IC401	B-4	Q401	B-4	Q535	A-5
IC402	C-4	Q402	E-1	Q537	C-5
IC403	B-4	Q404	F-1	Q538	E-5
IC404	C-4	Q406	F-2	Q540	G-5
IC405	C-4	Q407	F-1	Q541	F-5
IC406	F-1	Q408	H-3	Q551	C-5
IC408	B-4	Q409	H-2	Q553	B-5
IC409	C-3	Q412	H-3	Q554	B-5
IC410	B-4	Q413	H-2	Q555	E-4
IC411	B-4	Q415	B-4	Q556	D-4
IC412	A-4	Q418	G-1	Q557	B-5
IC501	B-5	Q420	F-1	Q558	A-4
IC502	B-5	Q421	G-1	Q559	B-5
IC504	B-4	Q422	F-1	Q561	A-5
IC505	H-5	Q434	B-4	Q563	A-6
IC506	G-5	Q501	A-5	Q564	F-6
IC507	G-6	Q502	A-5	Q565	F-5
IC509	H-5	Q505	G-6	Q566	E-6
IC510	C-6	Q507	G-5	Q567	F-5
IC512	F-5	Q508	E-5	Q568	B-4
IC520	F-6	Q509	E-5	Q569	B-6
		Q510	F-5	**VOLUME**	
		Q512	A-4	R443	F-1
		Q517	E-4	R628	G-5
		Q520	E-4	R661	E-5
		Q521	C-5	R665	G-5
		Q524	D-5	R671	G-4
		Q525	G-5		
		Q527	F-5		
		Q530	G-5		

Parts Location

P-BOARD (COMPONENT SIDE)					
IC		**TRANSITOR**		**VOLUME**	
IC402	G-4	Q404	C-2	R443	D-1
IC406	D-1	Q406	D-2	R628	C-5
IC409	F-3	Q412	B-3	R661	D-5
IC411	H-4	Q413	B-2	R665	C-5
IC504	H-4	Q434	H-3	R671	B-5
IC509	B-5	Q505	C-5		
IC512	C-5	Q507	C-5		
		Q527	C-5		

P-BOARD (COMPONENT SIDE)
TNPA3911


6
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A
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C
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G
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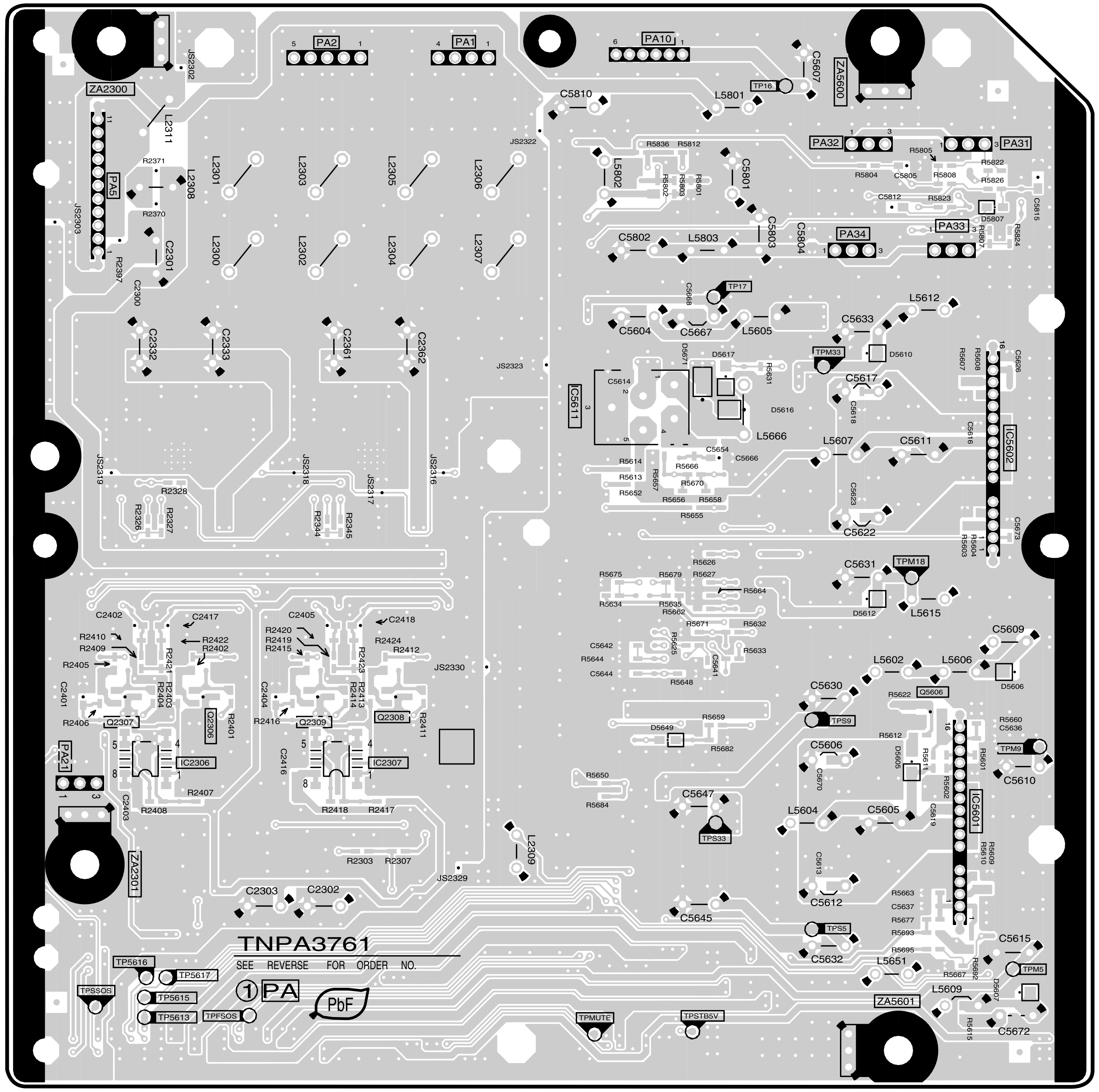
I
94V-0
PbF
P TNPA3911 1
ORDER NO.
PMM1
PMM2
PMM3
PMM4
PMM5
PMM6
PMM7
PMM8
非充電
COLD
HOT
充電
LIVE CIRCUIT
CAUTION
T8AH 250V
ヒューズ定格8A
F5AH 250V
T3.15A 250V
Vsus
Vdat
Vlow
Discharge
PFC
DIP
P1
P2
P5
P9
P10
P12
P23
P25
IC509
IC512
IC402
IC411
IC409
IC504
IC406
T601
T401
T402
T407
T404
T410
J501
J502
C615
C611
C446
C447
C407
C555
C559
Q505
Q507
Q527
Q412
Q413
Q404
Q406
Q434
F401
F402
RL402
RL403
S401
S402
ZN401
ZN402
ZN404
ZN405
ZN406
PR401
PR601

TH-42PV60E, TH-42PX60B
P-BOARD TNPA3911

TH-42PV60E, TH-42PX60B
P-BOARD TNPA3911

13.3. PA-Board

PA-BOARD (FOIL SIDE)
TNPA3761AC


PA2
PA1
PA10
ZA2300
ZA5600
PA5
PA32
PA31
PA33
PA34
L2311
L2301
L2303
L2305
L2306
L2308
L2300
L2302
L2304
L2307
C2301
C2300
C2332
C2333
C2361
C2362
C5810
L5801
TP16
C5607
L5802
C5801
C5802
L5803
C5803
C5804
TP17
C5604
C5667
L5605
L5612
C5633
TPM33
D5610
C5617
IC5611
L5666
L5607
C5611
IC5602
C5622
C5631
TPM18
L5615
C5609
L5602
L5606
C5630
Q5606
TPS9
C5606
C5610
TPM9
C5647
TPS33
L5604
C5605
IC5601
C5612
C5645
TPS5
C5632
L5651
C5615
L5609
TPM5
ZA5601
C5672
TPMUTE
TPSTB5V
Q2307
Q2306
Q2309
Q2308
IC2306
IC2307
PA21
ZA2301
C2303
C2302
L2309
JS2329
JS2330
TNPA3761
SEE REVERSE FOR ORDER NO.
①PA
PbF
TP5616
TP5617
TPSSOS
TP5615
TP5613
TPFSOS

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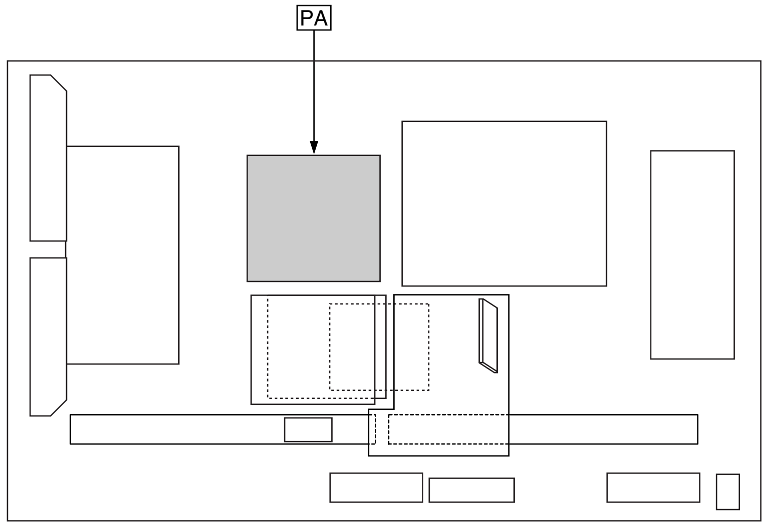
I

TH-37/42PV60E, TH-37/42PX60B
PA-BOARD TNPA3761AC

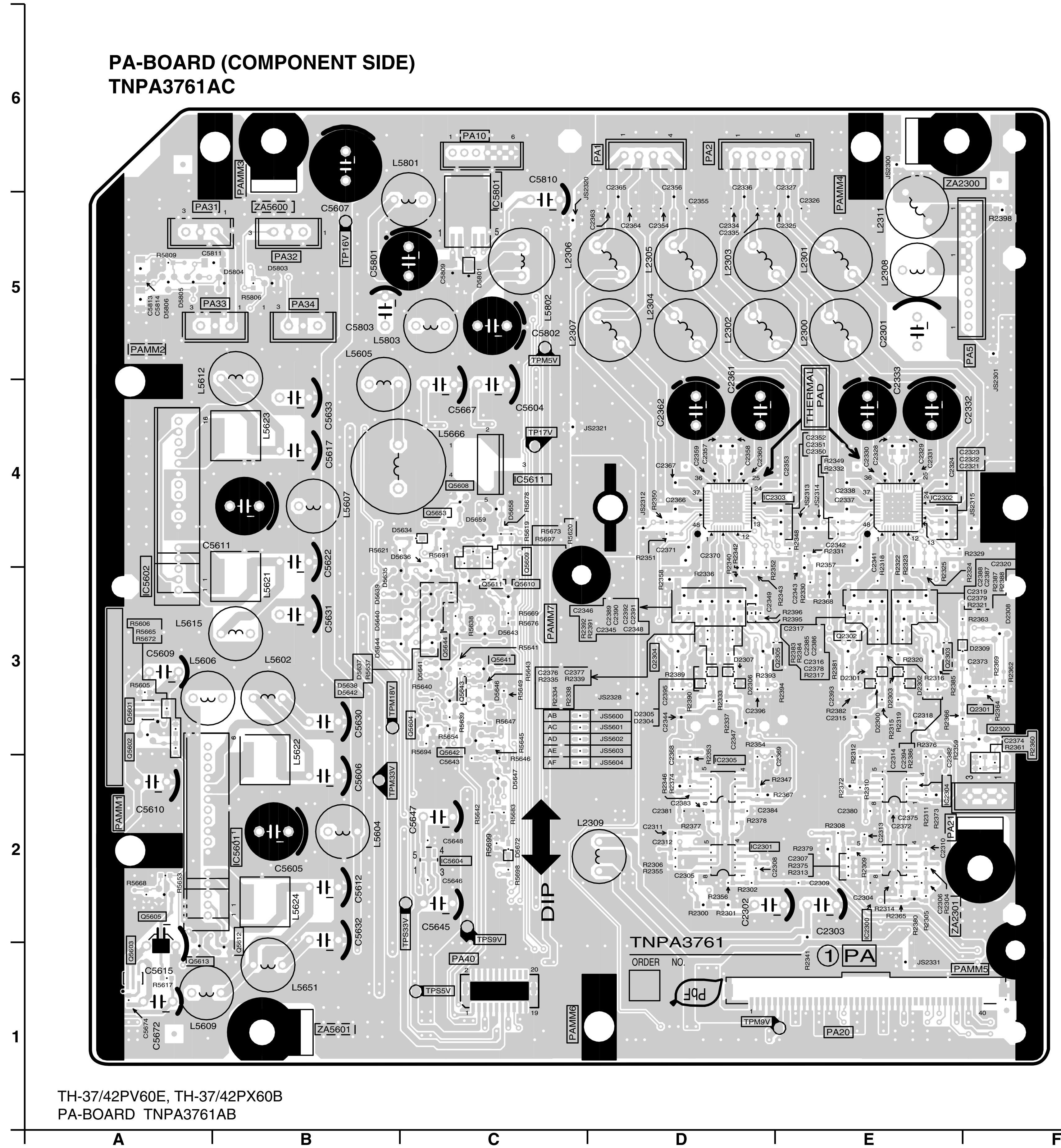


Parts Location

PA-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC2306	B-2	Q2306	B-3
IC2307	C-2	Q2307	A-2
IC5601	E-2	Q2308	C-3
IC5602	F-4	Q2309	B-3
IC5611	D-4	Q5606	E-3

TH-37/42PV60E, TH-37/42PX60B
PA-BOARD TNPA3761AC

PA-BOARD (COMPONENT SIDE)
TNPA3761AC


6
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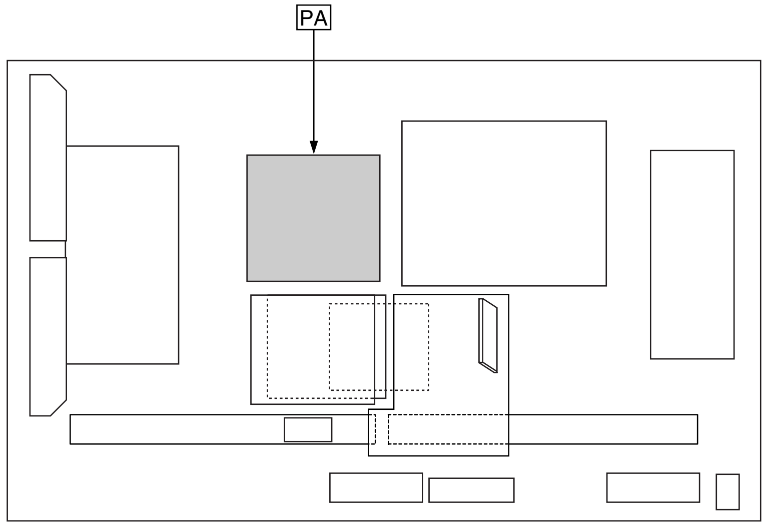
I
PA10
PA1
PA2
PA31
ZA5600
PA32
PA33
PA34
PAMM3
PAMM2
PAMM1
PAMM4
PAMM5
PAMM6
PAMM7
ZA2300
ZA2301
ZA5601
PA5
PA21
PA20
PA40
L5801
C5810
C5607
IC5801
C5801
C5803
L5803
C5802
L5802
TPM5V
TP16V
TP17V
L5605
C5667
C5604
L5666
IC5611
L5612
C5633
L5623
C5617
L5607
C5611
C5622
IC5602
L5621
C5631
L5615
C5609
L5606
L5602
C5630
L5622
C5606
C5610
IC5601
C5605
L5604
C5647
C5612
L5624
C5632
C5645
C5615
L5609
L5651
C5672
IC5604
TPM18V
TPM33V
TPS33V
TPS9V
TPS5V
L2306
L2305
L2303
L2301
L2311
L2308
L2307
L2304
L2302
L2300
C2301
C2362
C2361
THERMAL PAD
C2333
C2332
IC2303
IC2302
IC2305
IC2301
Q2302
Q2301
Q2300
L2309
DIP
C2302
C2303
TNPA3761
ORDER NO.
① PA
TPM9V
JS5600
JS5601
JS5602
JS5603
JS5604
AB
AC
AD
AE
AF

TH-37/42PV60E, TH-37/42PX60B
PA-BOARD TNPA3761AB

TH-37/42PV60E, TH-37/42PX60B
PA-BOARD TNPA3761AB

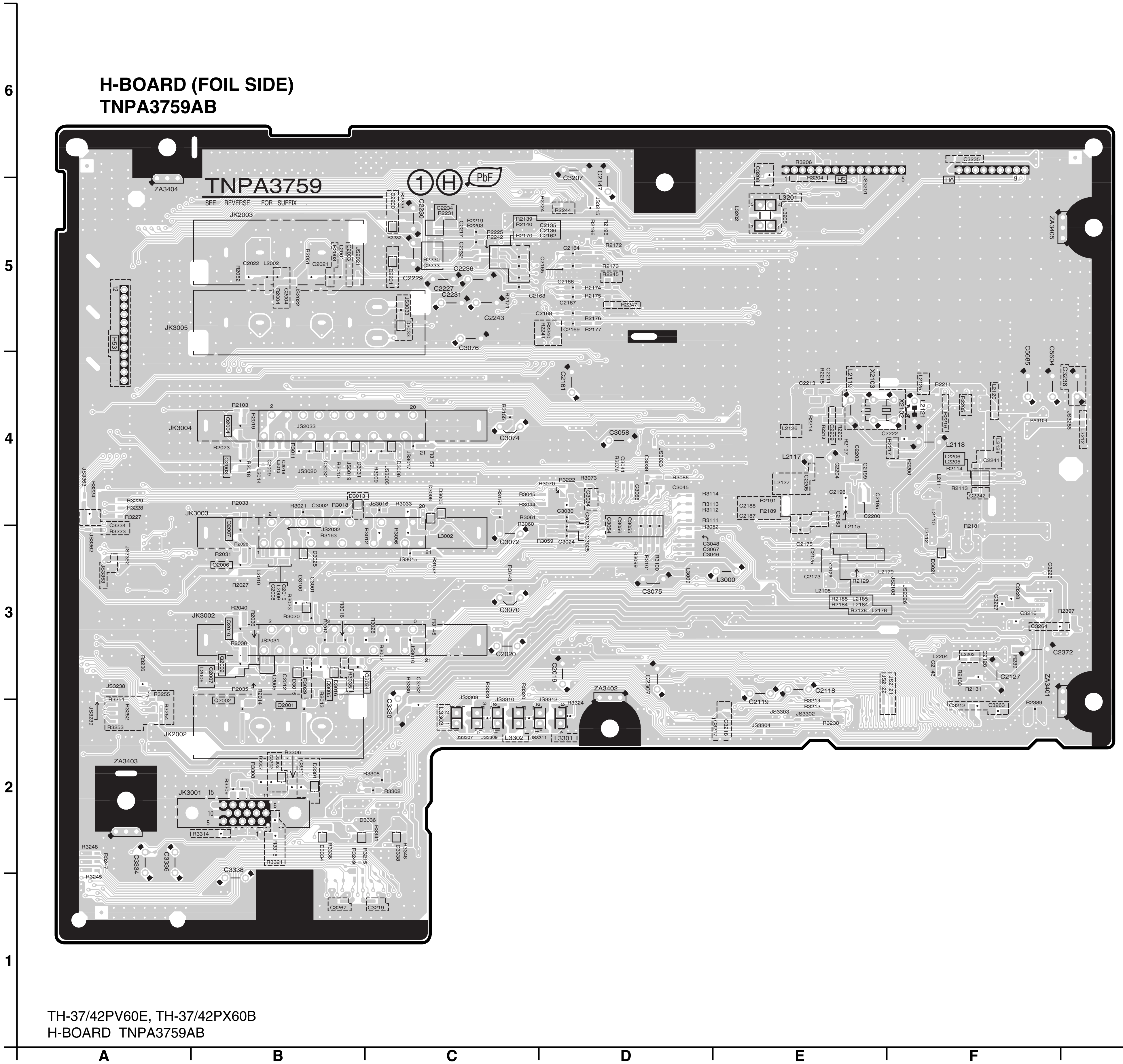


Parts Location

PA-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC2300	E-2	Q2300	F-3
IC2301	D-2	Q2301	F-3
IC2302	E-4	Q2303	E-3
IC2303	E-4	Q2304	D-3
IC2304	E-2	Q2305	E-3
IC2305	D-3	Q5601	A-3
IC5601	B-2	Q5602	A-3
IC5602	A-3	Q5603	A-1
IC5604	C-2	Q5604	C-3
IC5611	C-4	Q5605	A-2
IC5801	C-5	Q5608	C-4
		Q5609	C-4
		Q5610	C-3
		Q5612	B-1
		Q5613	A-1
		Q5641	C-3
		Q5642	C-3
		Q5643	C-3
		Q5644	C-3
		Q5653	C-4

13.4. H-Board

H-BOARD (FOIL SIDE)
TNPA3759AB


6
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C
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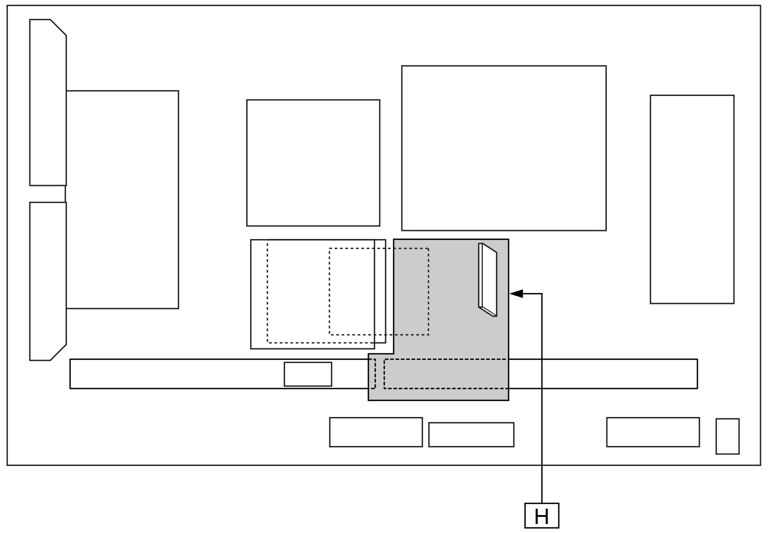
G
H
I
TNPA3759
SEE REVERSE FOR SUFFIX
PbF
JK2003
JK3005
JK3004
JK3003
JK3002
JK2002
JK3001
ZA3404
ZA3405
ZA3403
ZA3402
ZA3401
L3000
L3301
L3302
L3303
C3058
C3074
C3072
C3070
C3075
C3076
C2020
C2019
C2118
C2119
C2127
C2372
C2243
C3207
C3338
C3336
C3334
C3330

TH-37/42PV60E, TH-37/42PX60B
H-BOARD TNPA3759AB

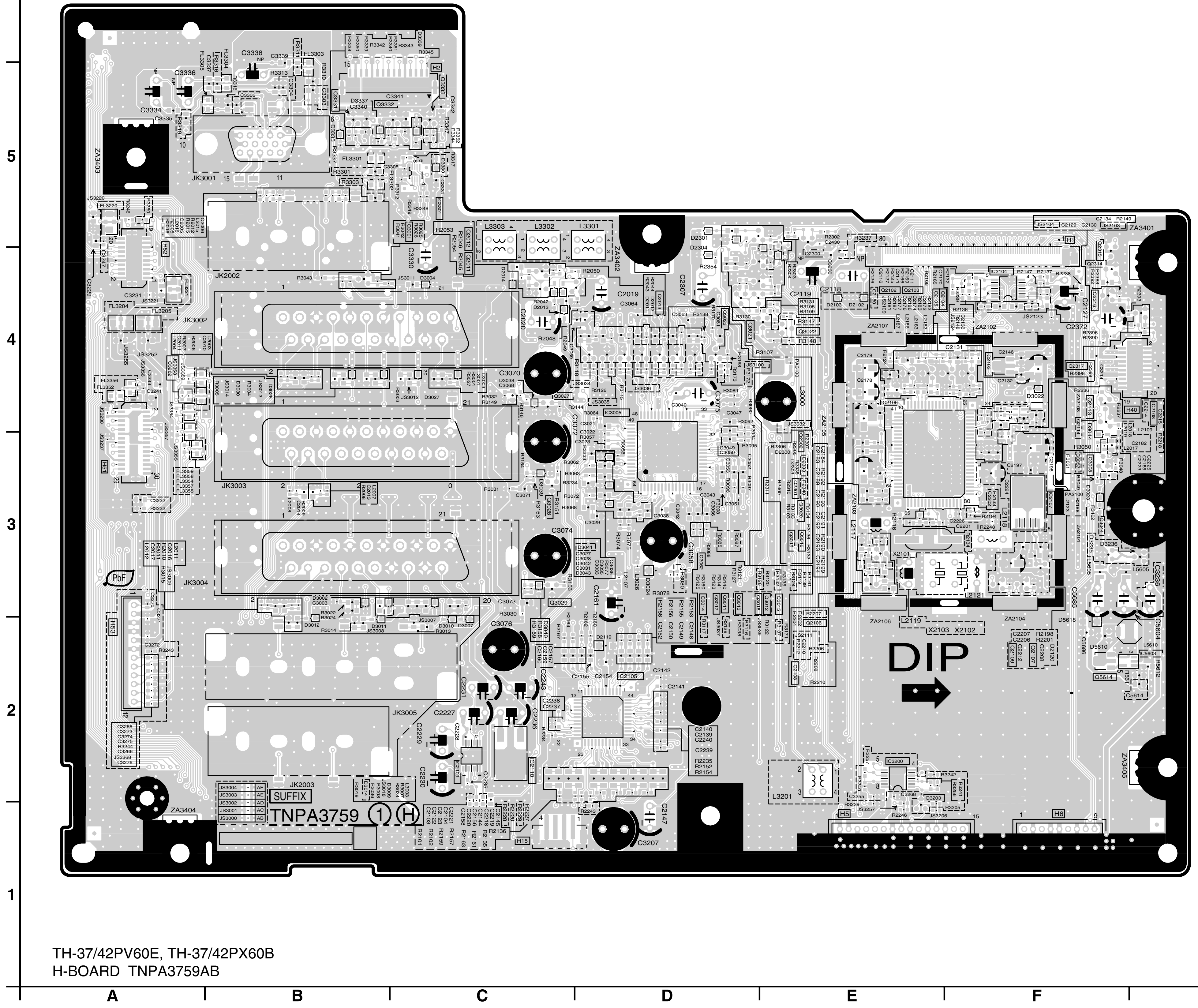
TH-37/42PV60E, TH-37/42PX60B
H-BOARD TNPA3759AB



Parts Location

H-BOARD (FOIL SIDE)	
TRANSISTOR	
Q2001	B-2
Q2002	B-2
Q2003	B-4
Q2004	B-4
Q2006	B-3
Q2007	B-3
Q2009	B-3
Q2010	B-3
Q2102	E-4
Q2103	E-4
Q2104	E-4
Q2105	E-4
Q2106	E-2
Q2107	F-2
Q2108	E-2
Q2109	F-2
Q3005	B-3
Q3024	C-3
Q3203	E-2

H-BOARD (COMPONENT SIDE)
TNPA3759AB


6
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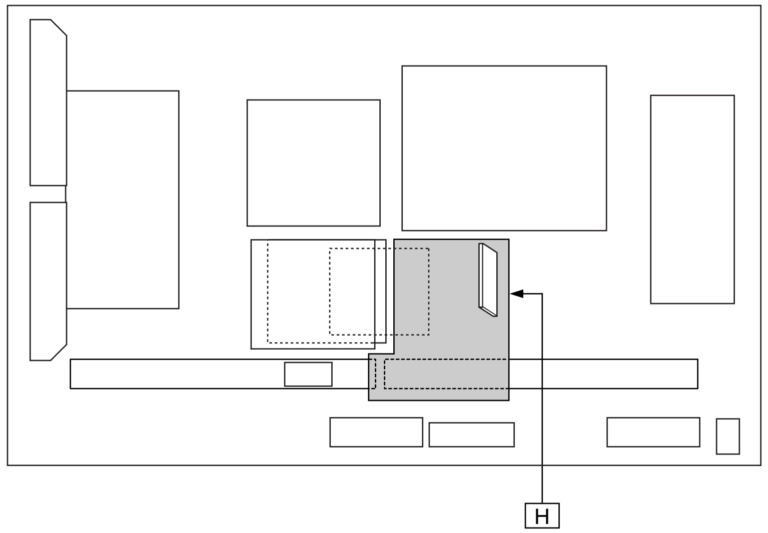
A
B
C
D
E
F
G
H
I
JK3001
JK2002
JK3002
JK3003
JK3004
JK3005
JK2003
ZA3403
ZA3404
ZA3402
ZA3401
ZA3405
L3303
L3302
L3301
L3000
L3201
X2103
X2102
DIP
SUFFIX
TNPA3759 ① Ⓗ
PbF



Parts Location

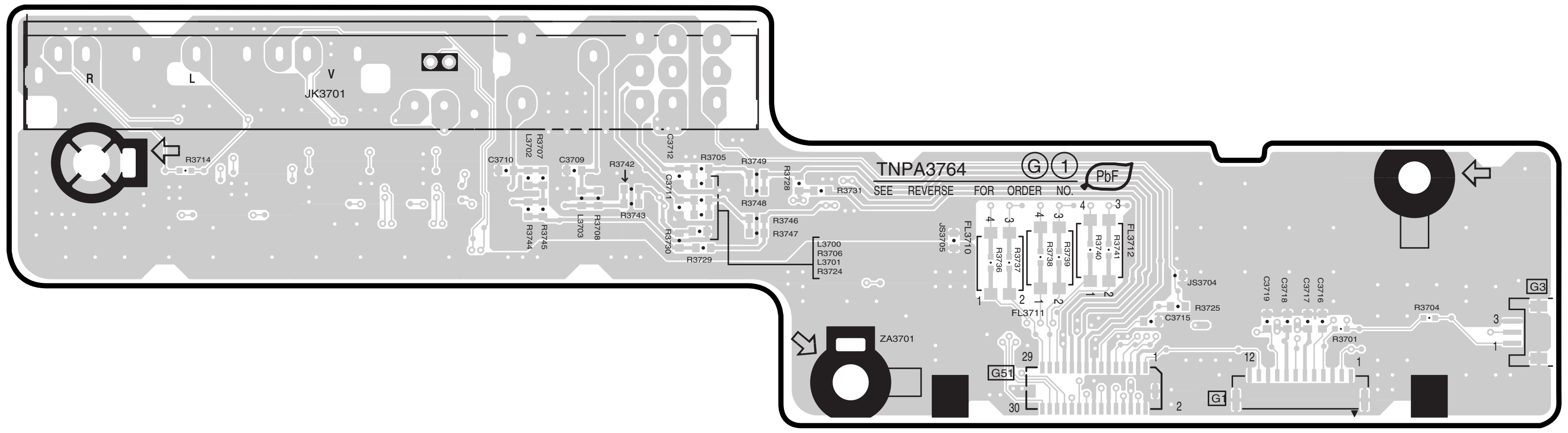
H-BOARD (COMPONENT SIDE)			
IC		Q2316	F-4
IC2103	F-4	Q2317	F-4
IC2104	F-4	Q3001	C-5
IC2105	D-2	Q3008	F-3
IC2106	E-4	Q3011	D-3
IC2107	F-3	Q3012	E-3
IC2108	G-4	Q3013	D-3
IC2109	C-2	Q3014	D-3
IC2110	C-2	Q3015	E-3
IC3005	D-4	Q3016	E-3
IC3200	E-2	Q3017	D-3
IC3301	C-5	Q3018	E-3
IC5603	G-2	Q3019	E-3
TRANSISTOR		Q3020	E-3
Q2011	C-4	Q3021	D-4
Q2012	C-5	Q3022	E-4
Q2013	C-4	Q3023	D-4
Q2113	F-4	Q3027	C-4
Q2114	F-4	Q3028	C-3
Q2300	E-4	Q3029	C-3
Q2301	E-3	Q3331	B-5
Q2302	E-3	Q3332	B-5
Q2314	F-4	Q3333	C-5
Q2315	F-5	Q5614	F-2

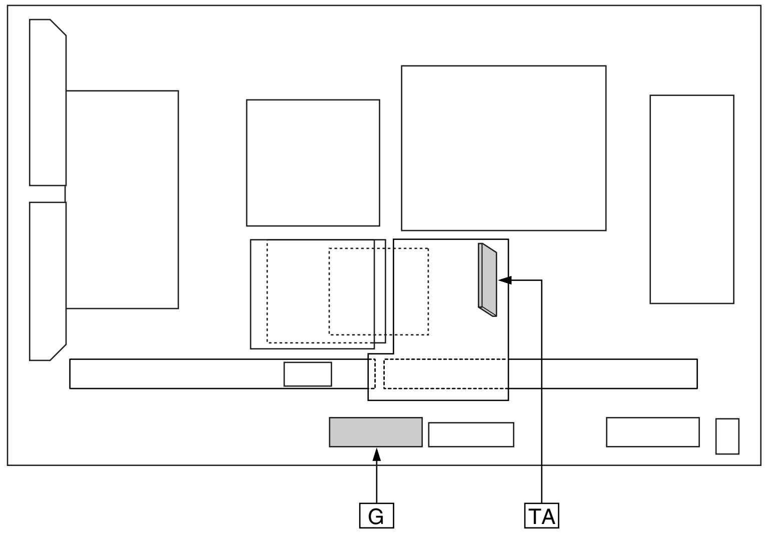
TH-37/42PV60E, TH-37/42PX60B
H-BOARD TNPA3759AB

TH-37/42PV60E, TH-37/42PX60B
H-BOARD TNPA3759AB

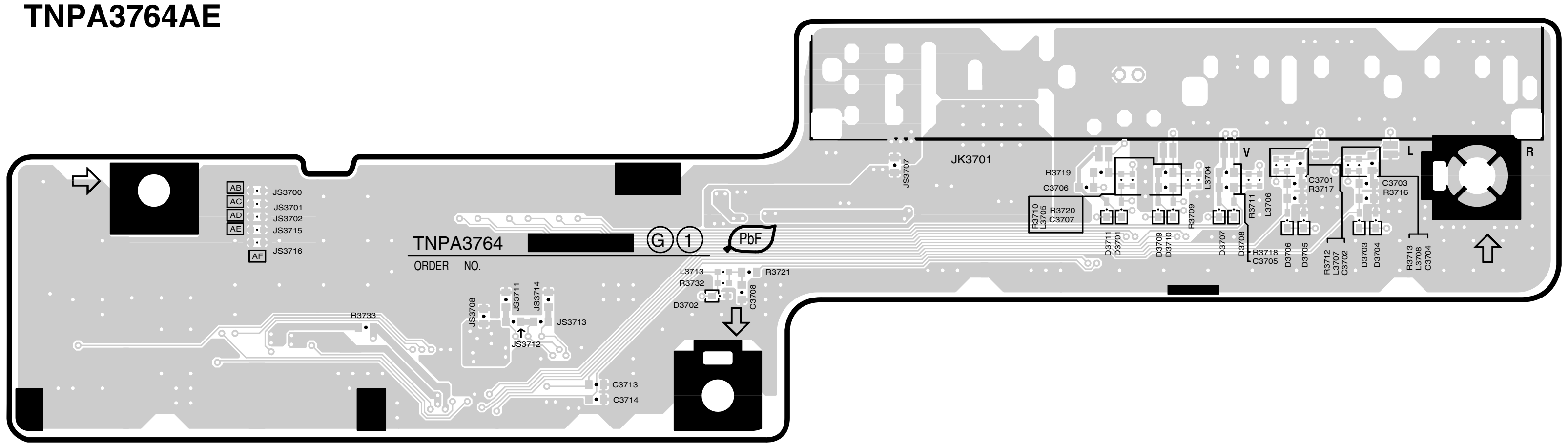
13.5. G and TA-Board

G-BOARD (FOIL SIDE)
TNPA3764AE

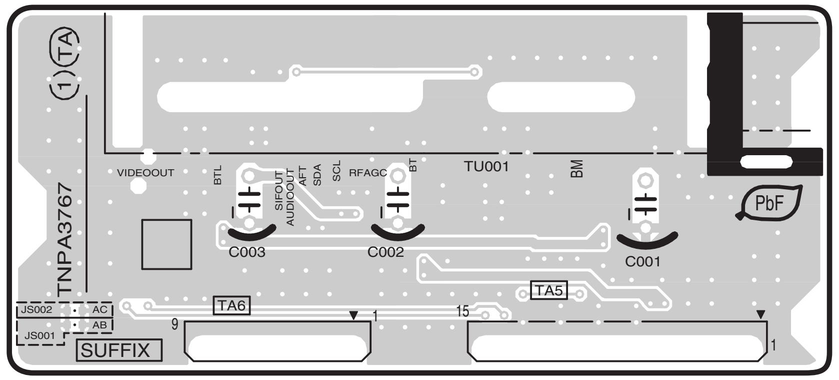

JK3701
R
L
V
TNPA3764
G
1
PbF
SEE REVERSE FOR ORDER NO.
FL3710
FL3711
FL3712
ZA3701
G51
G1
G3
JS3704
C3715
R3725
R3704
R3701
R3714



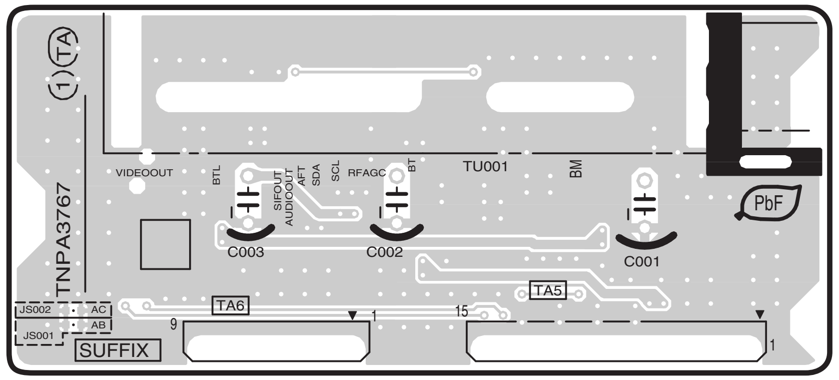
G-BOARD (COMPONENT SIDE)
TNPA3764AE


JK3701
TNPA3764
ORDER NO.
G
1
PbF
AB
AC
AD
AE
AF
JS3700
JS3701
JS3702
JS3715
JS3716
R3733
JS3711
JS3712
JS3713
JS3714
C3713
C3714
L3713
R3732
R3721
D3702
R3719
C3706
C3701
R3717
C3703
R3716
L
V
R

TA-BOARD (FOIL SIDE)
TNPA3767 (PV60E)
TNPA3767AB (PX60B)


1
TA
TNPA3767
VIDEOOUT
BTL
SIFOUT
AUDIOOUT
AFT
SDA
SCL
RFAGC
BT
TU001
BM
PbF
C003
C002
C001
JS002
AC
AB
JS001
SUFFIX
TA6
TA5
9
1
15
1

TA-BOARD (COMPONENT SIDE)
TNPA3767 (PV60E)
TNPA3767AB (PX60B)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TA
TNPA3767
VIDEOOUT
BTL
SIFOUT
AUDIOOUT
AFT
SDA
SCL
RFAGC
BT
TU001
BM
PbF
C003
C002
C001
JS002
AC
AB
JS001
SUFFIX
TA6
TA5
9
1
15
1

TH-37/42PV60B, TH-37/42PX60E
G-BOARD TNPA3764AE

TH-37/42PV60E
TA-BOARD TNPA3767

TH-37/42PX60B
TA-BOARD TNPA3767AB

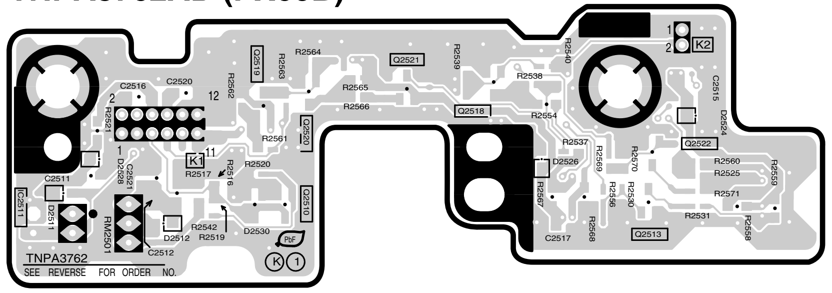
TH-37/42PV60B, TH-37/42PX60E
G-BOARD TNPA3764AE

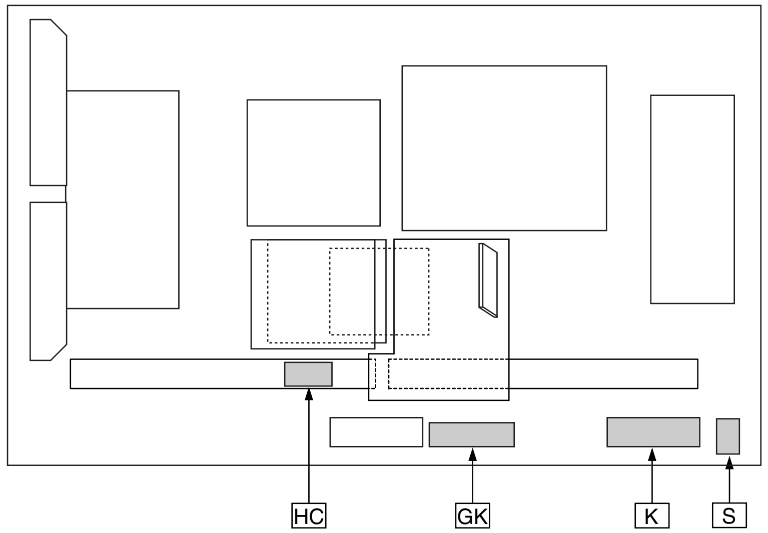
TH-37/42PV60E
TA-BOARD TNPA3767

TH-37/42PX60B
TA-BOARD TNPA3767AB

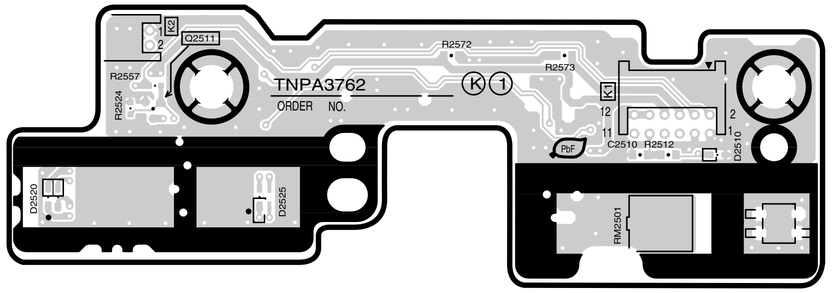
13.6. GK, HC, K and S-Board

K-BOARD (FOIL SIDE)
TNPA3762AC (PV60E)
TNPA3762AD (PX60B)

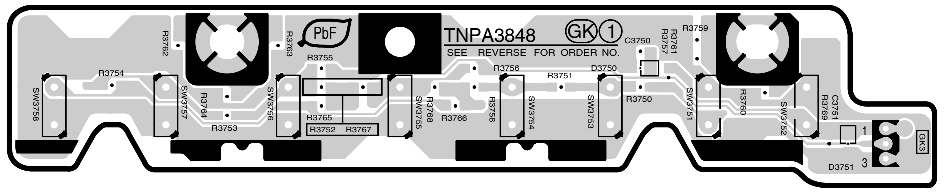

K1
K2
TNPA3762
SEE REVERSE FOR ORDER NO.
PbF
K 1
RM2501
Q2521
Q2518
Q2522
Q2513
C2516
C2520
C2511
C2512
C2517
R2564
R2538
R2565
R2566
R2561
R2520
R2537
R2531
D2512
D2526
D2530



K-BOARD (COMPONENT SIDE)
TNPA3762AC (PV60E)
TNPA3762AD (PX60B)


Q2511
R2572
R2573
R2557
R2524
TNPA3762
ORDER NO.
K 1
PbF
C2510
R2512
D2510
D2520
D2525
RM2501

GK-BOARD (FOIL SIDE)
TNPA3848AD


TNPA3848
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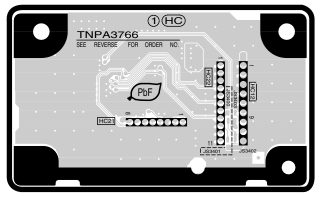
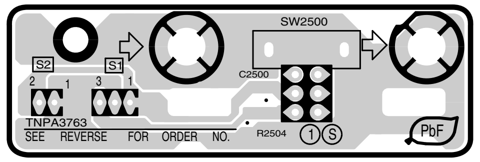
C3750
R3759
R3754
R3755
R3756
R3751
R3750
R3753
R3752
R3767
R3766
R3765
D3750
D3751
GK3

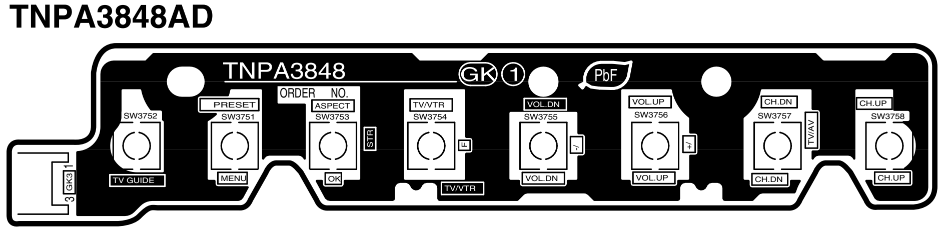
HC-BOARD (FOIL SIDE)
TNPA3766


TNPA3766
SEE REVERSE FOR ORDER NO.
1 HC
PbF

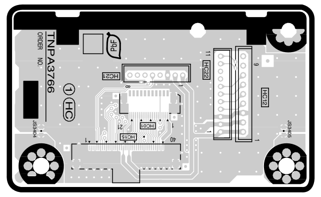
S-BOARD (FOIL SIDE)
TNPA3763AC


SW2500
S2
S1
C2500
TNPA3763
SEE REVERSE FOR ORDER NO.
R2504
1 S
PbF

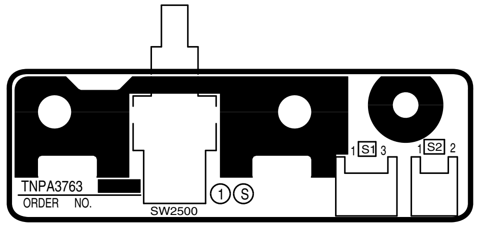
GK-BOARD (COMPONENT SIDE)
TNPA3848AD


TNPA3848
ORDER NO.
GK 1
PbF
SW3752
PRESET
SW3751
ASPECT
SW3753
TV/VTR
SW3754
VOL.DN
SW3755
VOL.UP
SW3756
CH.DN
SW3757
CH.UP
SW3758
TV GUIDE
MENU
OK
TV/VTR
VOL.DN
VOL.UP
CH.DN
CH.UP
GK3

HC-BOARD (COMPONENT SIDE)
TNPA3766


TNPA3766
ORDER NO.
1 HC

S-BOARD (COMPONENT SIDE)
TNPA3763AC


S1
S2
TNPA3763
ORDER NO.
SW2500
1 S

TH-37/42PV60E, TH-37/42PX60B
GK-BOARD TNPA3848AD
HC-BOARD TNPA3766
S-BOARD TNPA3763AC

TH-37/42PV60E
K-BOARD TNPA3762AC

TH-37/42PX60B
K-BOARD TNPA3762AD

TH-37/42PV60E, TH-37/42PX60B
GK-BOARD TNPA3848AD
HC-BOARD TNPA3766
S-BOARD TNPA3763AC

TH-37/42PV60E
K-BOARD TNPA3762AC

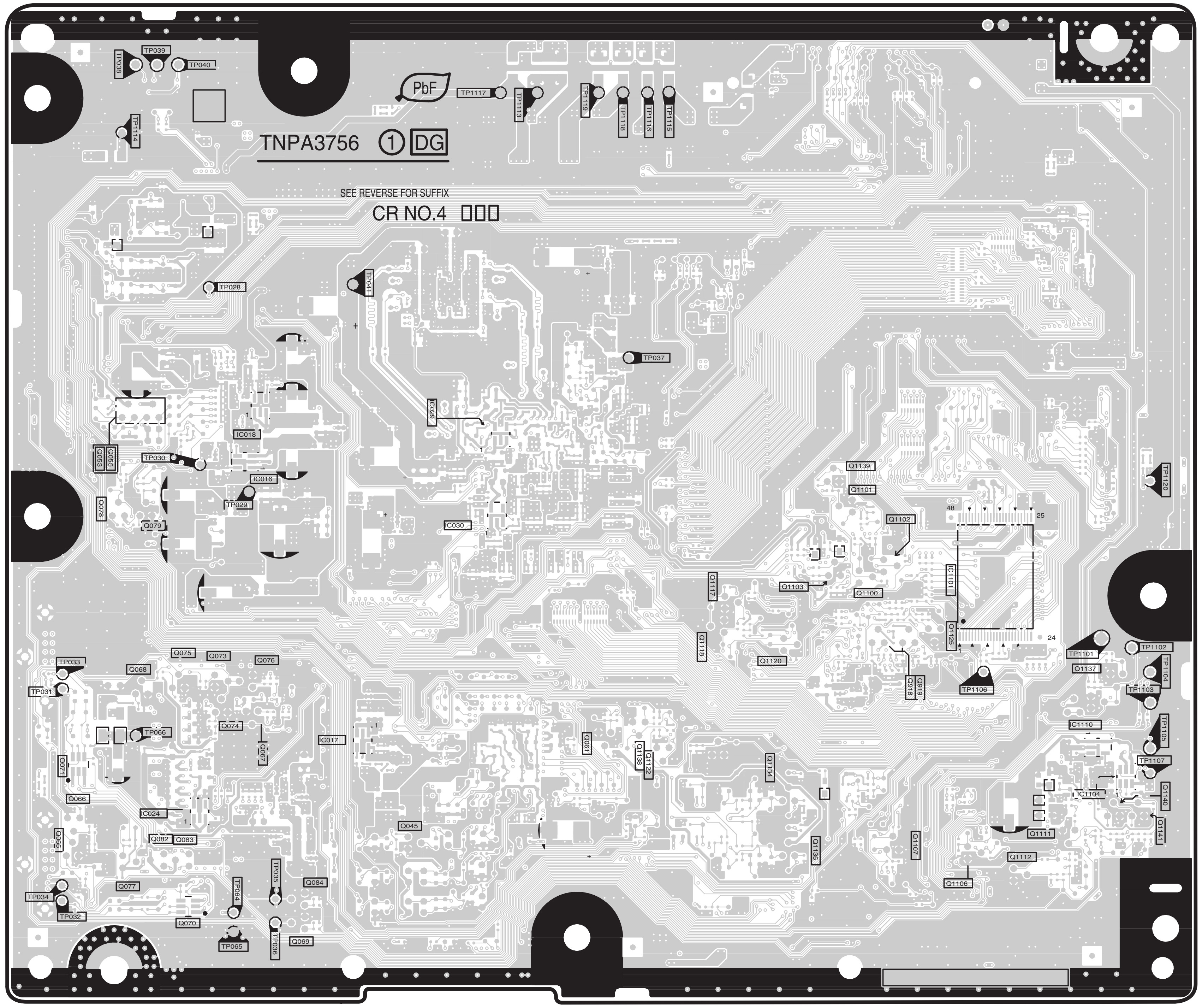
TH-37/42PX60B
K-BOARD TNPA3762AD

6 5 4 3 2 1

A B C D E F G H I

13.7. DG-Board

DG-BOARD (FOIL SIDE)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)


PbF
TNPA3756
① DG
SEE REVERSE FOR SUFFIX
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TP040
TP038
TP1114
TP1117
TP1113
TP1119
TP1118
TP1116
TP1115
TP028
TP041
TP037
IC018
TP030
IC016
TP029
Q079
Q078
Q053
Q055
IC029
IC030
Q1139
Q1101
Q1102
Q1103
Q1100
Q1117
Q1118
Q1120
Q1125
Q918
Q919
IC1101
TP1120
TP1101
TP1102
TP1104
Q1137
TP1103
TP1106
IC1110
TP1105
TP1107
IC1104
Q1140
Q1141
Q1111
Q1112
Q1106
Q1107
Q1136
Q1134
Q1122
Q1138
Q061
Q045
IC017
Q067
Q074
TP066
Q068
TP033
TP031
Q075
Q073
Q076
Q071
Q066
IC024
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Q083
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Q077
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TP064
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TP036
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TP065
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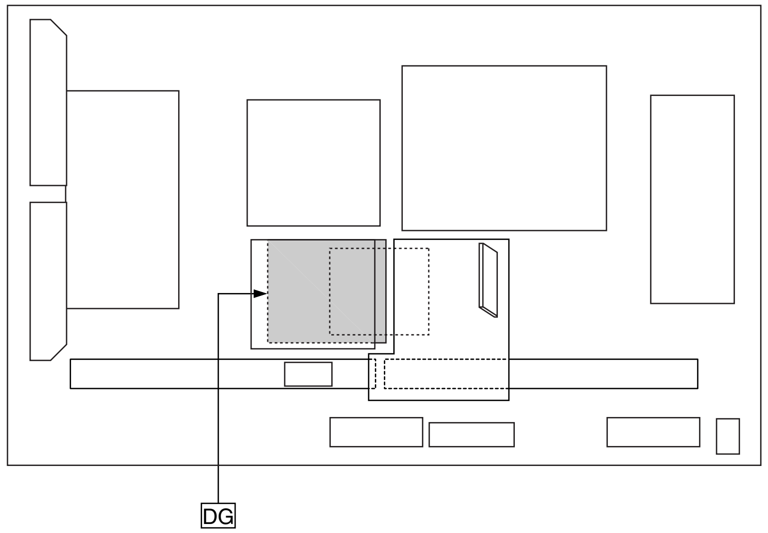

Parts Location

DG-BOARD (FOIL SIDE)					
IC		Q4045	C-2	**TP**	
IC1101	E-3	Q4053	A-3	TP1101	F-3
IC1104	F-2	Q4055	A-3	TP1102	F-3
IC1110	F-2	Q4060	E-2	TP1103	F-2
IC4016	B-3	Q4061	D-2	TP1104	F-2
IC4017	B-2	Q4065	A-2	TP1105	F-2
IC4018	B-4	Q4066	A-2	TP1106	F-2
IC4024	B-2	Q4067	B-2	TP1107	F-2
IC4029	C-4	Q4068	B-2	TP1113	C-5
IC4030	C-3	Q4069	B-1	TP1114	B-5
TRANSISTOR		Q4070	B-1	TP1115	D-5
Q1100	E-3	Q4071	A-2	TP1116	D-5
Q1101	E-3	Q4073	B-3	TP1117	C-5
Q1102	E-3	Q4074	B-2	TP1118	D-5
Q1103	E-3	Q4075	B-3	TP1119	D-5
Q1106	E-1	Q4076	B-3	TP1120	F-3
Q1107	E-2	Q4077	B-1	TP4028	B-4
Q1111	F-2	Q4078	A-3	TP4029	B-3
Q1112	F-2	Q4079	B-3	TP4030	B-3
Q1117	D-3	Q4082	B-2	TP4031	A-2
Q1118	D-3	Q4083	B-2	TP4032	A-4
Q1120	E-3	Q4084	B-1	TP4033	A-3
Q1122	D-2	Q4918	E-2	TP4034	A-1
Q1125	E-3	Q4919	E-2	TP4035	B-1
Q1134	E-2			TP4036	B-1
Q1135	E-2			TP4037	D-4
Q1137	F-2			TP4038	B-5
Q1138	D-2			TP4039	B-5
Q1139	E-3			TP4040	B-5
Q1140	F-2			TP4041	C-4
Q1141	F-2			TP4064	B-1
				TP4065	B-1
				TP4066	B-2

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TH-37/42PV60E
DG-BOARD TNPA3756CB

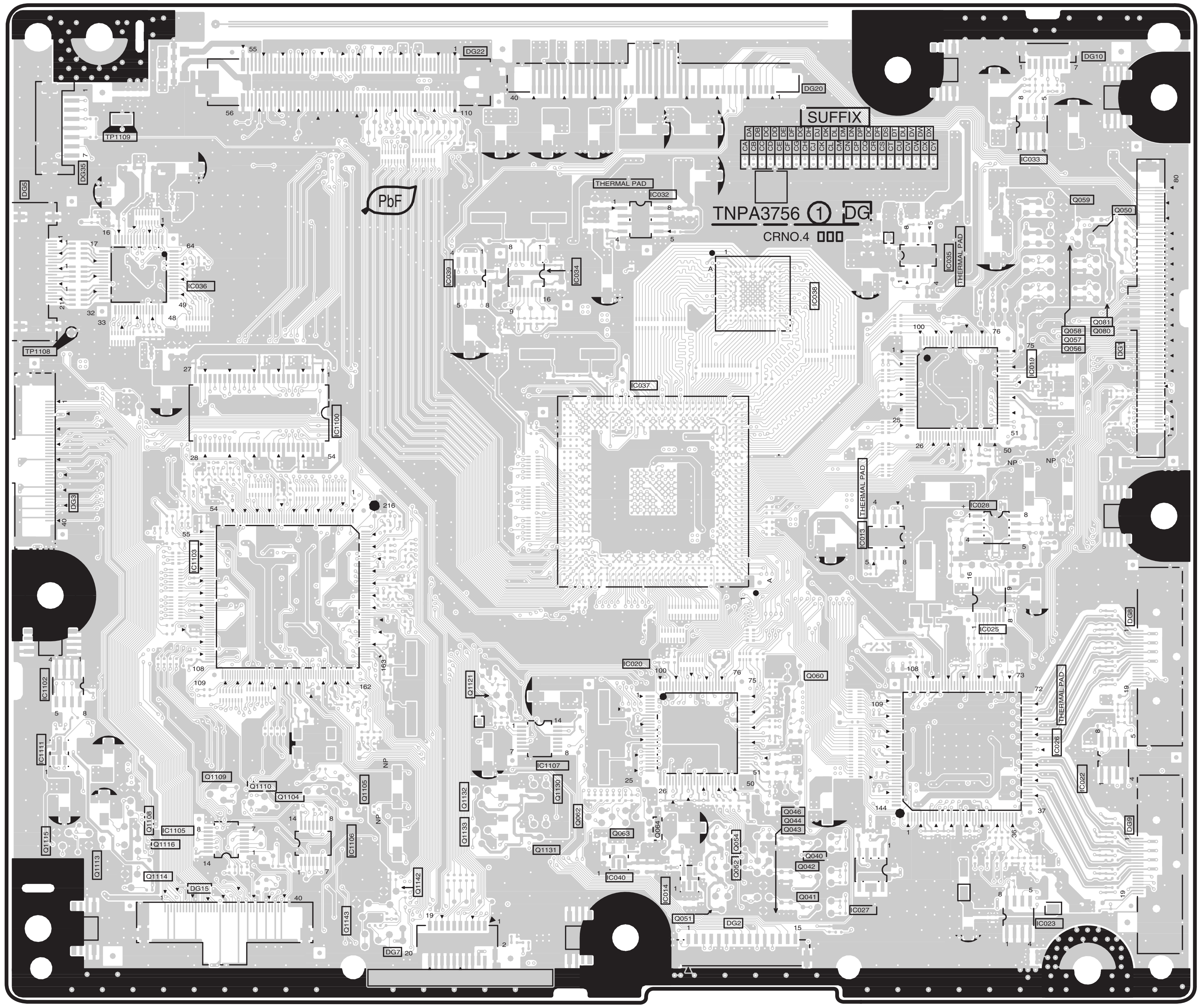
TH-37/42PX60B
DG-BOARD TNPA3756CH

TH-37/42PV60E
DG-BOARD TNPA3756CB

TH-37/42PX60B
DG-BOARD TNPA3756CH

A B C D E F G H I

DG-BOARD (COMPONENT SIDE)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)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SUFFIX
TNPA3756 ① DG
CRNO.4
PbF
THERMAL PAD
DG22
DG20
DG10
TP1109
TP1108
IC4033
IC4032
IC4036
IC4039
IC4034
IC4038
IC4037
IC4035
IC1100
IC1103
IC1102
IC1111
IC1105
IC1107
IC4020
IC4019
IC4028
IC4025
IC4026
IC4022
IC4023
IC4027
IC4040
IC4013
IC4014
Q4059
Q4050
Q4058
Q4057
Q4056
Q4081
Q4080
Q4060
Q1109
Q1110
Q1104
Q1105
Q1106
Q1108
Q1115
Q1116
Q1113
Q1114
Q1121
Q1132
Q1133
Q1130
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Q4043
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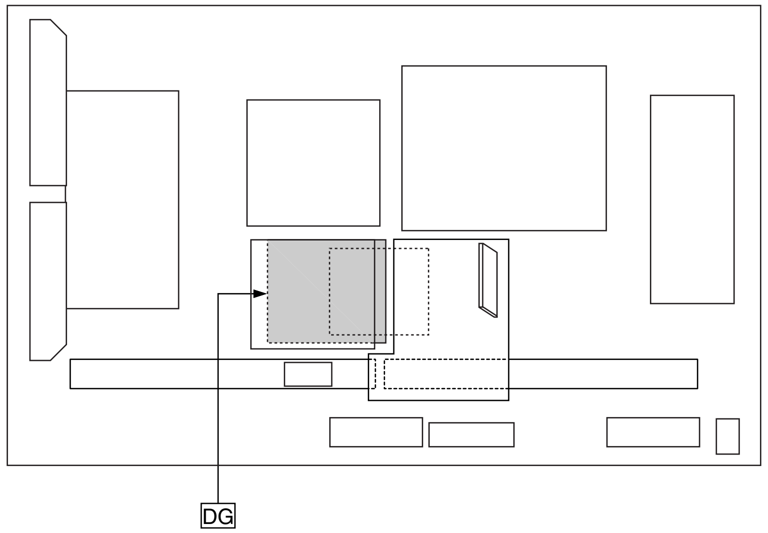
DG1



Parts Location

DG-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**			
IC1100	C-4	Q1104	B-2	Q4056	F-4
IC1102	A-2	Q1105	C-2	Q4057	F-4
IC1103	B-3	Q1108	B-2	Q4058	F-4
IC1105	B-2	Q1109	B-2	Q4059	F-5
IC1106	C-2	Q1110	B-2	Q4062	D-2
IC1107	D-2	Q1113	A-2	Q4063	D-2
IC1111	A-2	Q1114	B-2	Q4080	F-4
IC4013	E-3	Q1115	A-2	Q4081	F-4
IC4014	D-1	Q1116	B-2	**TP**	
IC4019	F-4	Q1121	C-2	TP1108	A-4
IC4020	D-3	Q1130	D-2	TP1109	A-5
IC4022	F-2	Q1131	D-2		
IC4023	F-1	Q1132	C-2		
IC4025	F-3	Q1133	C-2		
IC4026	F-2	Q1142	C-1		
IC4027	E-1	Q1143	C-1		
IC4028	F-3	Q4040	E-2		
IC4032	D-5	Q4041	E-1		
IC4033	F-5	Q4042	E-2		
IC4034	D-4	Q4043	E-2		
IC4035	E-4	Q4044	E-2		
IC4036	B-4	Q4046	E-2		
IC4037	D-4	Q4050	F-5		
IC4038	E-4	Q4051	D-1		
IC4039	C-4	Q4052	D-2		
IC4040	D-2	Q4054	D-2		

TH-37/42PV60E
DG-BOARD TNPA3756CB

TH-37/42PX60B
DG-BOARD TNPA3756CH

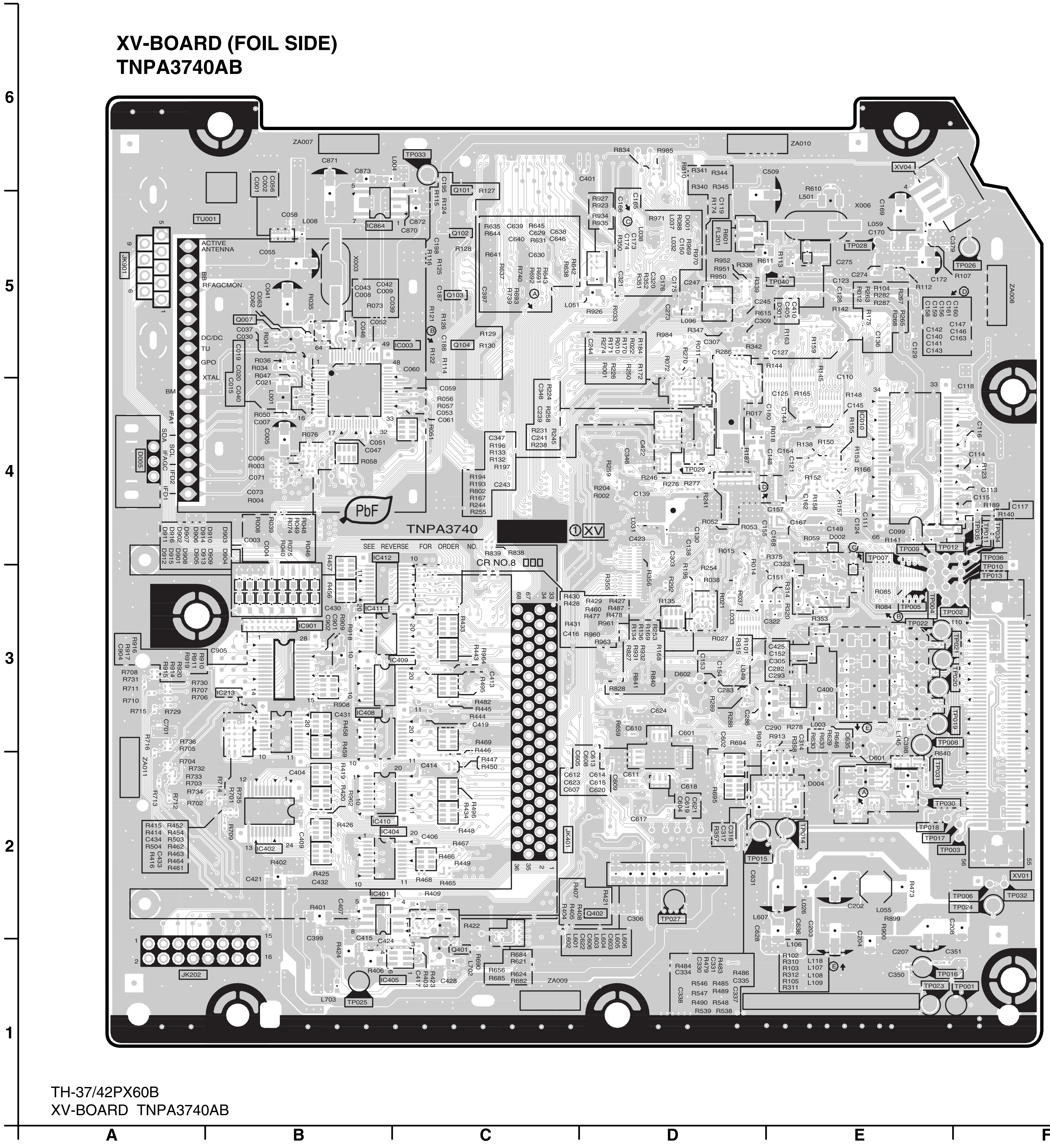
TH-37/42PV60E
DG-BOARD TNPA3756CB

TH-37/42PX60B
DG-BOARD TNPA3756CH

A B C D E F G H I

13.8. XV-Board (PX60B)

XV-BOARD (FOIL SIDE)
TNPA3740AB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A
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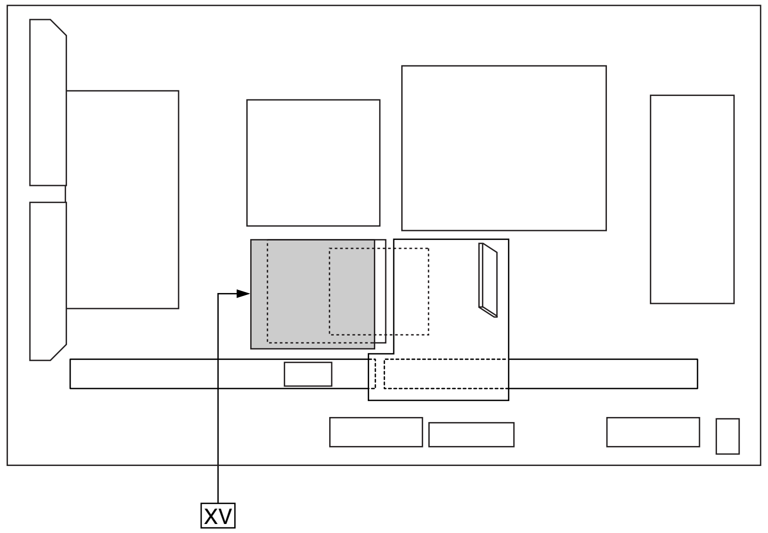
TNPA3740
PbF
① XV
SEE REVERSE FOR ORDER NO.
CR NO.8
ACTIVE ANTENNA
RFAGCMON
DC/DC
TU
GPO
XTAL
BM
IFA1
SDA
SCL
IFAGC
IFD2
IFD1
ZA007
ZA010
ZA008
ZA009
ZA011
TU001
JK901
JK202
JK401
D005
XV04
XV01



Parts Location

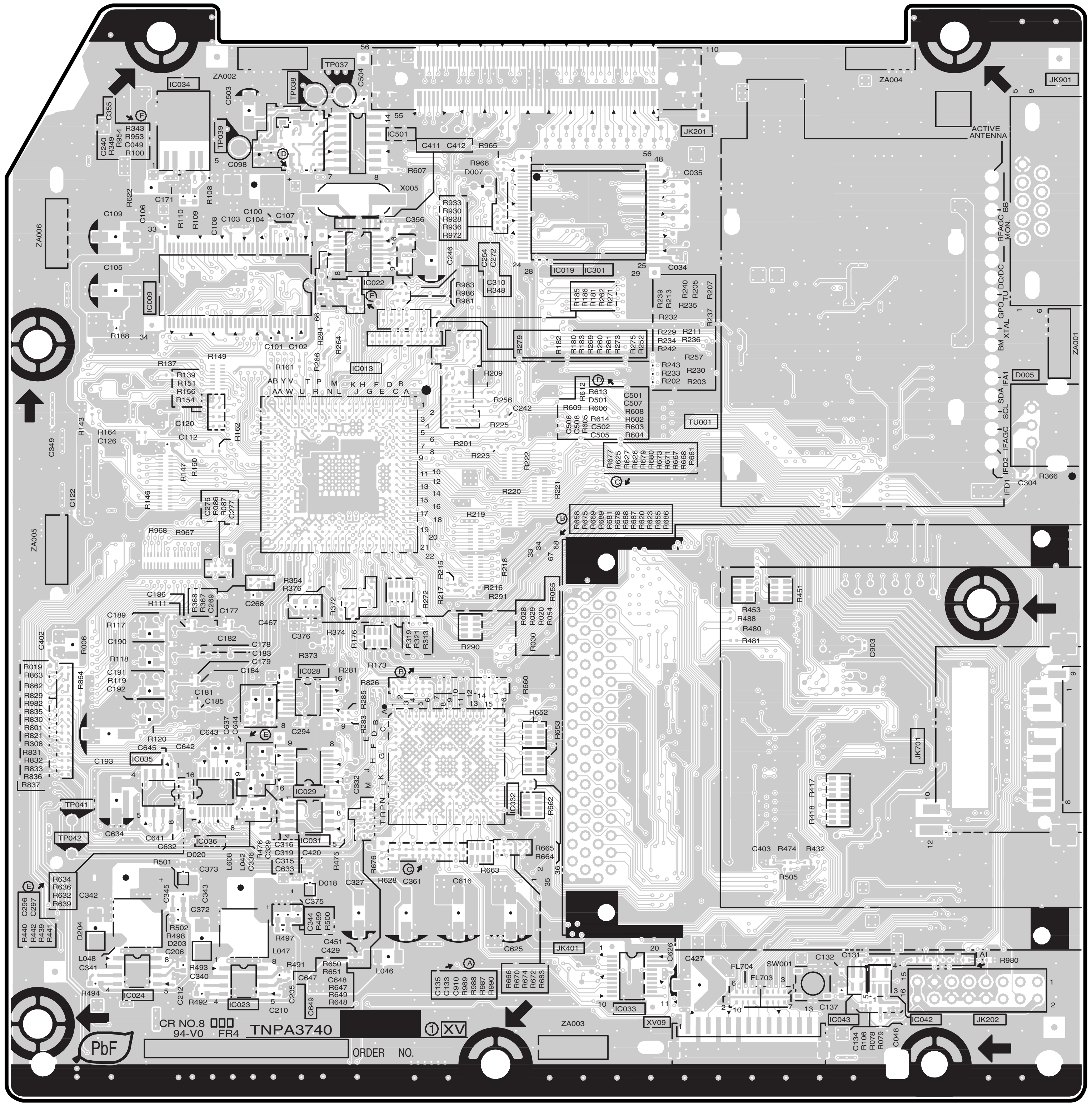
XV-BOARD (FOIL SIDE)	
IC	
IC8003	C-5
IC8009	B-5
IC8010	E-4
IC8022	C-5
IC8213	B-3
IC8401	B-2
IC8402	B-2
IC8404	B-2
IC8405	B-1
IC8408	B-3
IC8409	C-3
IC8410	B-2
IC8411	B-3
IC8412	B-4
IC8501	C-5
IC8864	B-5
IC8901	B-3
TRANSISTOR	
Q8007	B-5
Q8101	C-6
Q8102	C-5
Q8103	C-5
Q8104	C-5
Q8401	C-1
Q8402	D-2
TP	
TP8001	F-1
TP8002	E-3
TP8003	E-2
TP8004	E-3
TP8005	E-3
TP8006	F-2
TP8007	E-4
TP8008	E-3
TP8009	E-4
TP8010	F-4
TP8011	F-4
TP8012	E-4
TP8013	F-3
TP8014	E-2
TP8015	D-2
TP8016	E-1
TP8017	E-2
TP8018	E-2
TP8019	E-3
TP8020	E-3
TP8021	E-3
TP8022	E-3
TP8023	E-1
TP8024	F-2
TP8025	B-1
TP8026	F-5
TP8027	D-2
TP8028	E-5
TP8029	D-4
TP8030	E-2
TP8031	E-2
TP8032	F-2
TP8033	C-6
TP8034	F-4
TP8035	F-4
TP8036	F-4

TH-37/42PX60B
XV-BOARD TNPA3740AB

TH-37/42PX60B
XV-BOARD TNPA3740AB

G H I

XV-BOARD (COMPONENT SIDE)
TNPA3740AB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ZA002
IC034
TP037
TP038
TP039
IC501
JK201
ZA004
JK901
ACTIVE ANTENNA
ZA006
IC019
IC301
IC013
TU001
D005
ZA001
ZA005
IC028
IC035
IC029
IC036
IC031
IC032
TP041
TP042
JK701
JK401
IC024
IC023
IC033
XV09
IC043
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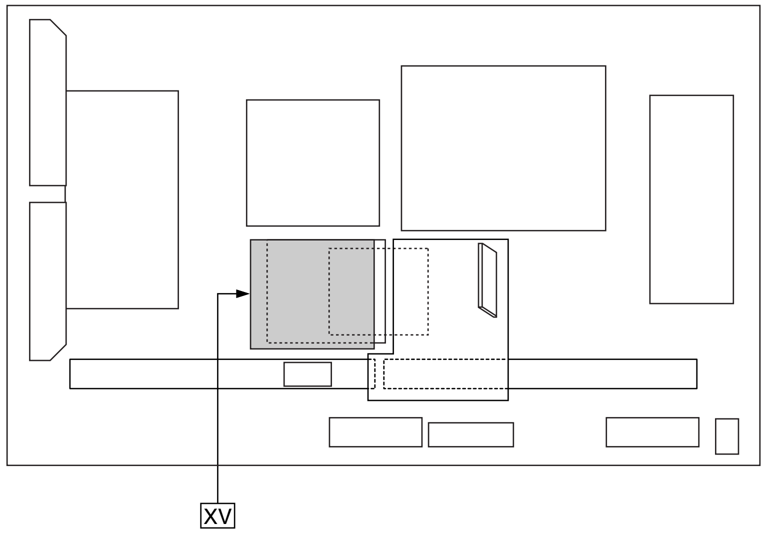
CR NO.8
94-V0 FR4
TNPA3740
①XV
PbF
ORDER NO.
SW001
FL704
FL703



Parts Location

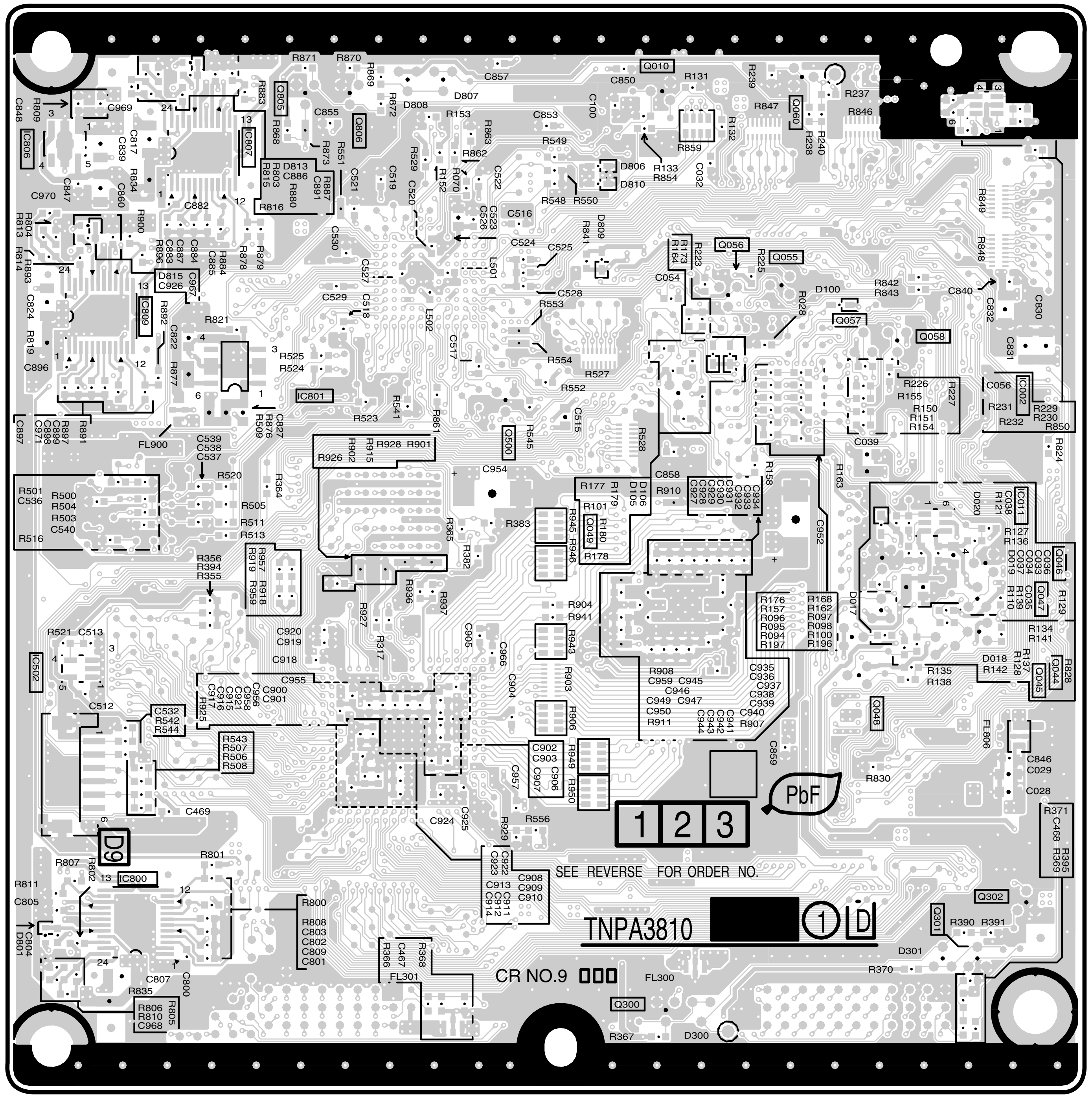
XV-BOARD (COMPONENT SIDE)			
IC		**TP**	
IC8013	C-4	TP8037	B-6
IC8019	D-5	TP8038	B-6
IC8023	B-1	TP8039	B-5
IC8024	B-1	TP8040	E-5
IC8028	B-3	TP8041	A-2
IC8029	B-2	TP8042	A-2
IC8031	B-2		
IC8032	C-2		
IC8033	D-1		
IC8034	B-6		
IC8035	B-3		
IC8036	B-2		
IC8042	E-1		
IC8043	E-1		
IC8301	D-5		

TH-37/42PX60B
XV-BOARD TNPA3740AB

TH-37/42PX60B
XV-BOARD TNPA3740AB

13.9. D-Board

D-BOARD (FOIL SIDE)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)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TNPA3810
CR NO.9
PbF
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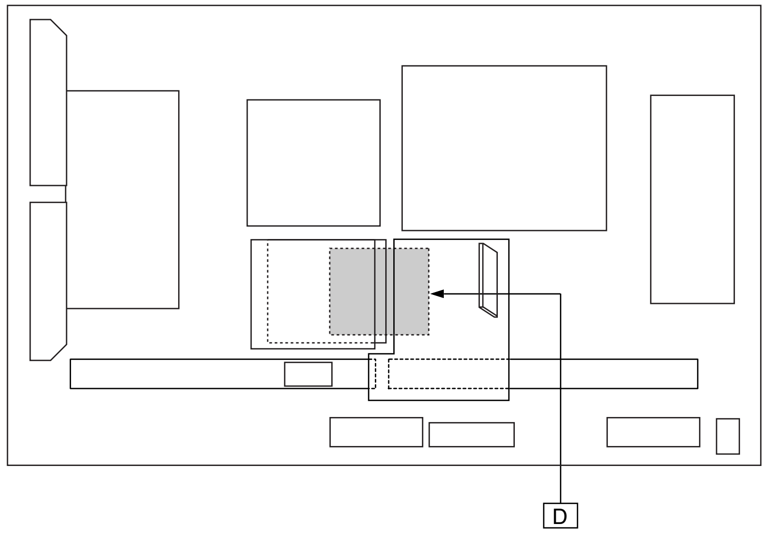


Parts Location

D-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC9002	E-4	Q9010	D-5
IC9011	E-4	Q9044	E-3
IC9502	A-3	Q9045	E-3
IC9800	B-2	Q9046	E-3
IC9801	B-4	Q9047	E-3
IC9806	A-5	Q9048	E-3
IC9807	B-5	Q9049	D-3
IC9809	B-4	Q9055	D-5
		Q9056	D-5
		Q9057	E-4
		Q9058	E-4
		Q9060	D-5
		Q9300	D-2
		Q9301	E-2
		Q9302	E-2
		Q9500	C-4
		Q9805	B-5
		Q9806	C-5

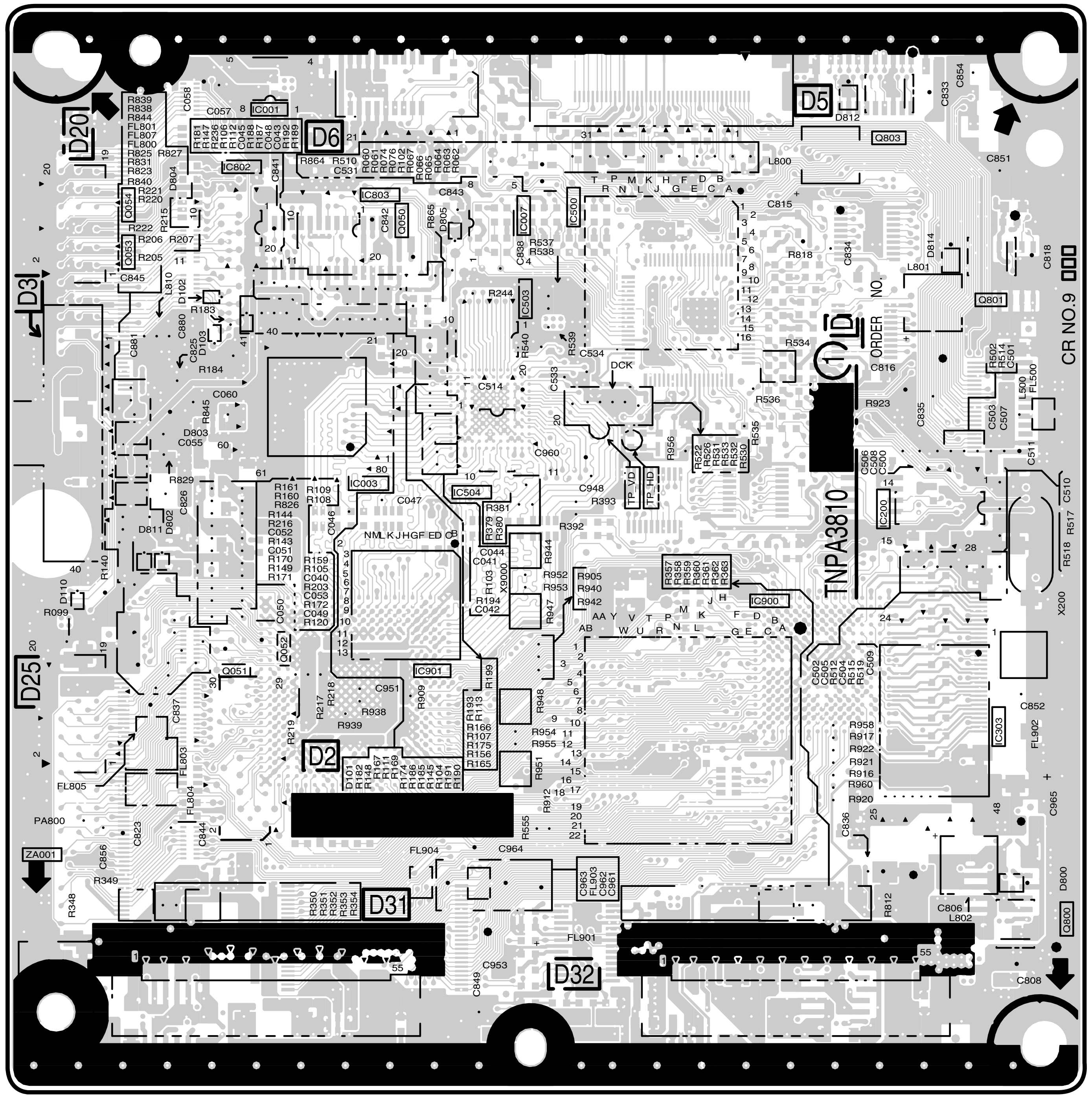
TH-37PV60E, TH-37PX60B
D-BOARD TZTNP01BKTB

TH-42PV60E, TH-42PX60B
D-BOARD TZTNP01BJTB

TH-37PV60E, TH-37PX60B
D-BOARD TZTNP01BKTB

TH-42PV60E, TH-42PX60B
D-BOARD TZTNP01BJTB

D-BOARD (COMPONENT SIDE)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)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D3
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D2
D31
D32
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CR NO.9
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IC803
IC003
IC504
IC900
IC901
Q054
Q053
Q050
Q051
Q052
Q801
Q803
Q800
C007
C500
C503
C200
C303
ZA001
PA800
FL805
R839
R838
R844
FL801
FL807
FL800
R825
R827
R831
R823
R840
R221
R220
R222
R206
R207
R205
C845
C058
C057
R864
R510
C531
C843
C842
C838
R537
R538
R244
C534
C533
C514
DCK
C960
C948
R393
R392
TP-VD
TP-HD
R956
R536
R534
R818
C834
C815
L800
D812
C851
D814
L801
C818
C816
R923
C835
C503
C507
L500
FL500
C511
C510
R517
R518
X200
C852
FL902
C965
D800
L802
C806
C808
C812
C836
FL901
C953
C849
FL904
C964
R555
R350
R351
R352
R353
R354
R348
R349
C856
C823
C844
FL804
FL803
C837
R099
D110
R140
D811
D802
R829
C826
C055
D803
R845
C060
R184
C880
R183
L810
D804
C841
C047
C046
R161
R160
R826
R144
R216
C052
R143
C051
R170
R149
R171
R159
R105
C040
R203
C053
R172
C049
R120
C050
R109
R108
R379
R380
R381
C044
C041
R103
X9000
R194
C042
R944
R952
R953
R947
R905
R940
R942
C951
R938
R939
R217
R218
R219
R909
R199
R948
R954
R955
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C509
C506
C508
C500
R357
R358
R359
R360
R361
R362
R363
R522
R526
R531
R533
R532
R530
R535
R502
R514
C501
C833
C854
R865
D805
R080
R061
R074
R076
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R067
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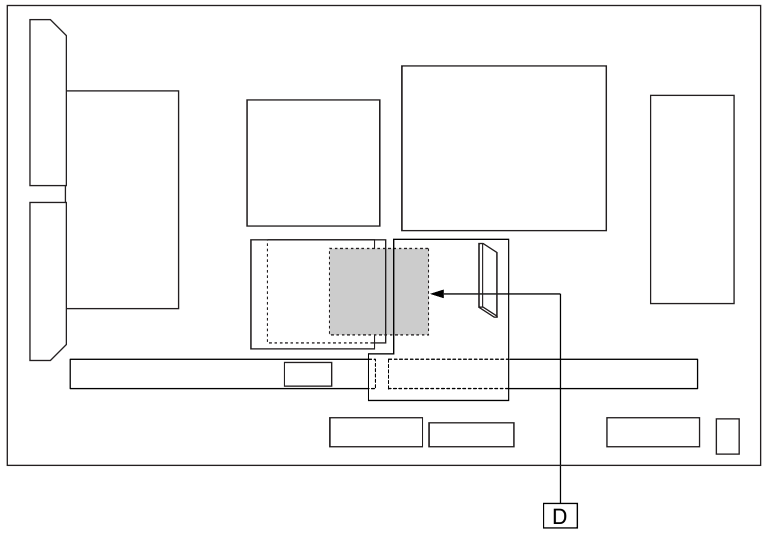
R189



Parts Location

D-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC9001	B-5	Q9050	C-5
IC9003	C-4	Q9051	B-3
IC9007	C-5	Q9052	B-3
IC9200	E-4	Q9053	B-5
IC9303	E-3	Q9054	B-5
IC9500	D-5	Q9800	F-2
IC9503	C-4	Q9801	E-4
IC9504	C-4	Q9803	E-5
IC9802	B-5		
IC9803	C-5	TP	
IC9900	D-3	TP-HD	D-4
IC9901	C-3	TP-VD	D-4

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TH-37PV60E, TH-37PX60B
D-BOARD TZTNP01BKTB

TH-42PV60E, TH-42PX60B
D-BOARD TZTNP01BJTB

TH-37PV60E, TH-37PX60B
D-BOARD TZTNP01BKTB

TH-42PV60E, TH-42PX60B
D-BOARD TZTNP01BJTB

A B C D E F G H I

13.10. C1-Board (37inch)

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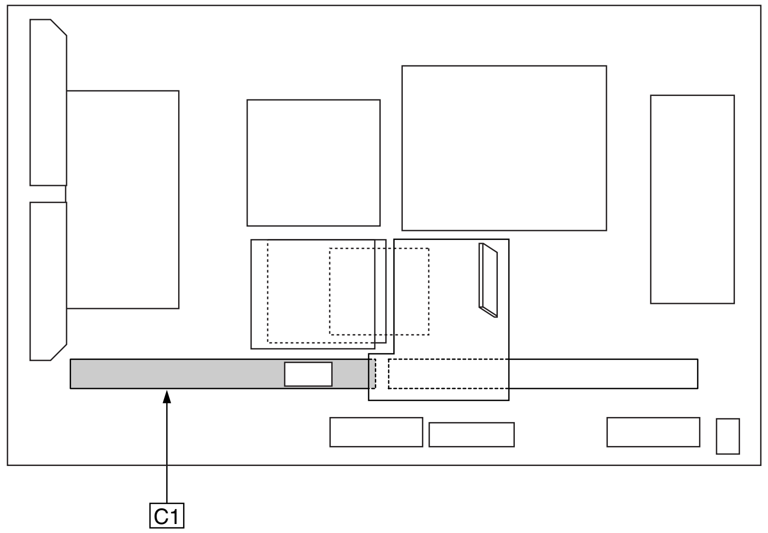
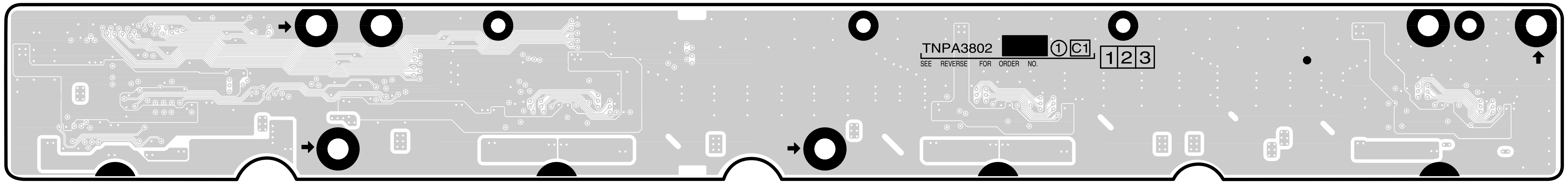
Parts Location

C1-BOARD	
IC	
IC7101	H-2
IC7102	H-2
IC7103	G-2
IC7104	F-2
IC7105	G-2



C1-BOARD (FOIL SIDE)
TNPA3802AB


TNPA3802
① C1
SEE REVERSE FOR ORDER NO.
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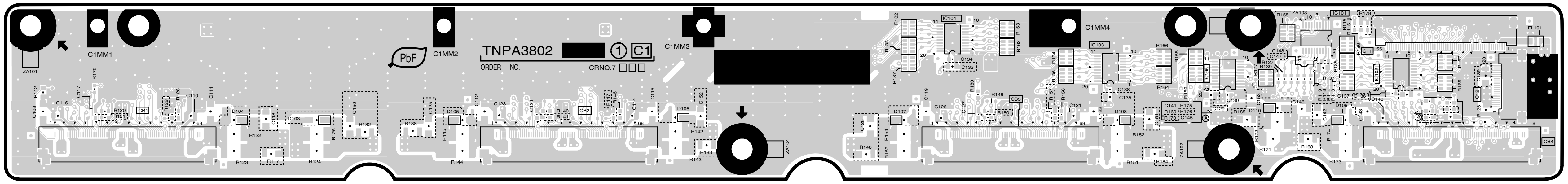
C1-BOARD (COMPONENT SIDE)
TNPA3802AB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PbF
C1MM2
TNPA3802
① C1
ORDER NO.
CRNO.7
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C1MM4
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IC101
ZA103
ZA104
ZA102
FL101
CB4
R155
R166
R164
R149
R148
R153
R151
R152
R171
R173
R168
R144
R143
R142
R123
R124
R122
R120
C116
C126
C119
C121
D106
D107
D108
D109
D110

TH-37PV60E, TH-37PX60B
C1-BOARD TNPA3802AB

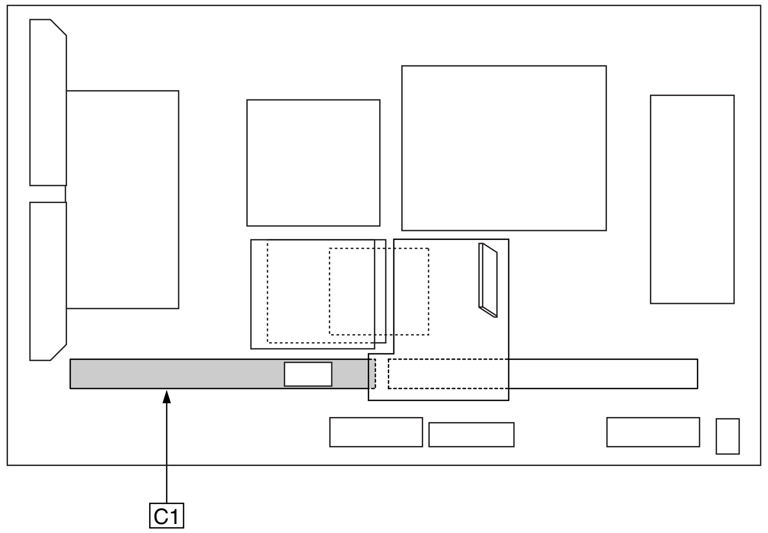
TH-37PV60E, TH-37PX60B
C1-BOARD TNPA3802AB

A B C D E F G H I

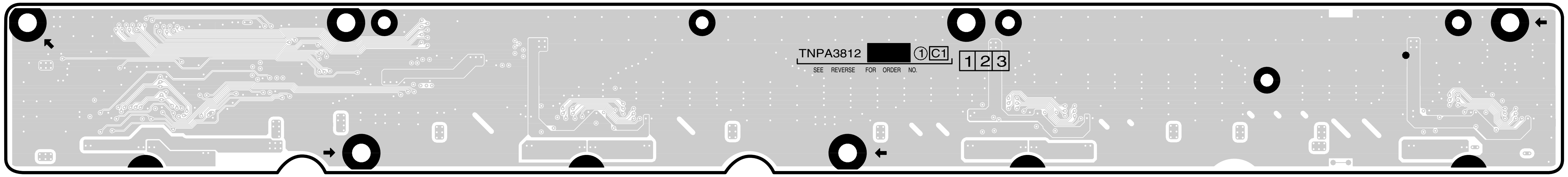
13.11. C1-Board (42inch)

Parts Location

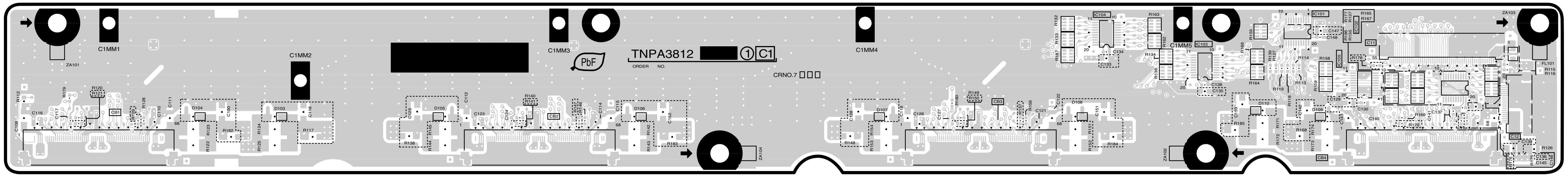
C1-BOARD	
IC	
IC7101	H-2
IC7102	I-2
IC7103	G-2
IC7104	F-1
IC7105	H-2



C1-BOARD (FOIL SIDE)
TNPA3812AB


TNPA3812
①C1
SEE REVERSE FOR ORDER NO.
1 2 3

C1-BOARD (COMPONENT SIDE)
TNPA3812AB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C1MM2
C1MM3
PbF
TNPA3812
①C1
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CRNO.7
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C1MM5
ZA104
ZA102
ZA103
FL101
D104
D103
D105
D106
D107
D108
D109
D110
C104
C103
R163
R165
R167
R126
C146

TH-42PV60E, TH-42PX60B
C1-BOARD TNPA3812AB

TH-42PV60E, TH-42PX60B
C1-BOARD TNPA3812AB

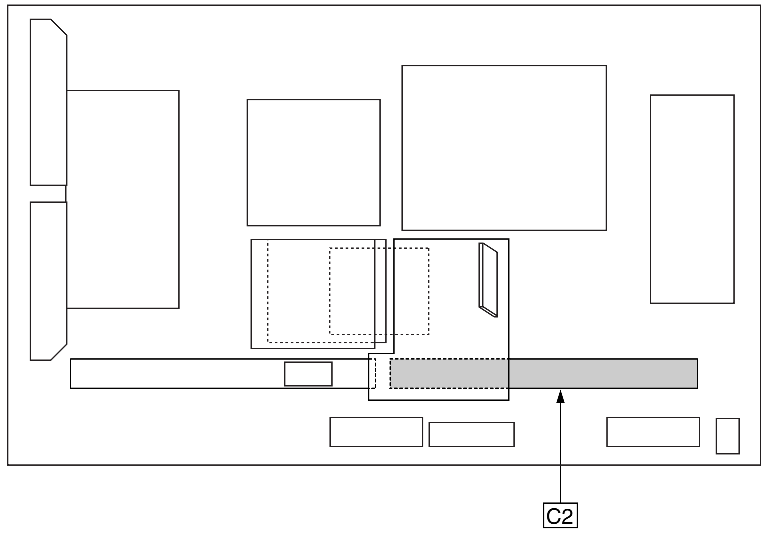
6
5
4
3
2
1

A B C D E F G H I

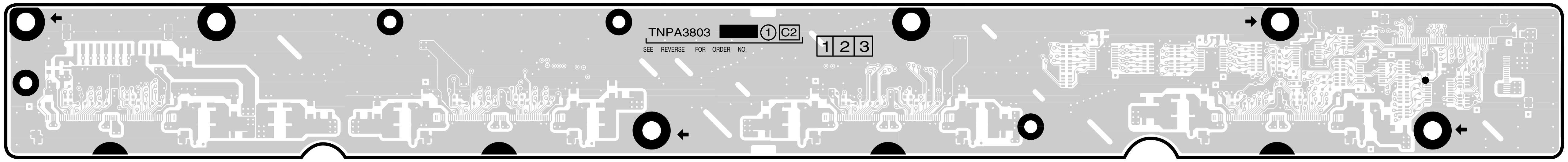
13.12. C2-Board (37inch)

Parts Location

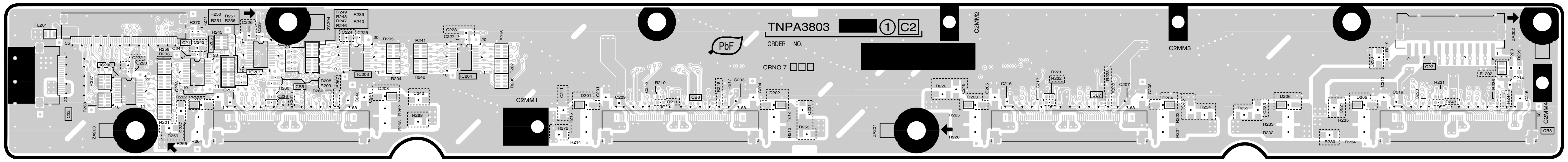
C2-BOARD	
IC	
IC7201	B-2
IC7202	A-1
IC7203	C-2
IC7204	C-2
IC7205	B-2



C2-BOARD (FOIL SIDE)
TNPA3803AB


TNPA3803
① C2
SEE REVERSE FOR ORDER NO.
1 2 3

C2-BOARD (COMPONENT SIDE)
TNPA3803AB


TNPA3803
① C2
ORDER NO.
CRNO.7
PbF
FL201
C2MM1
C2MM2
C2MM3
C2MM4

TH-37PV60E, TH-37PX60B
C2-BOARD TNPA3803AB

TH-37PV60E, TH-37PX60B
C2-BOARD TNPA3803AB

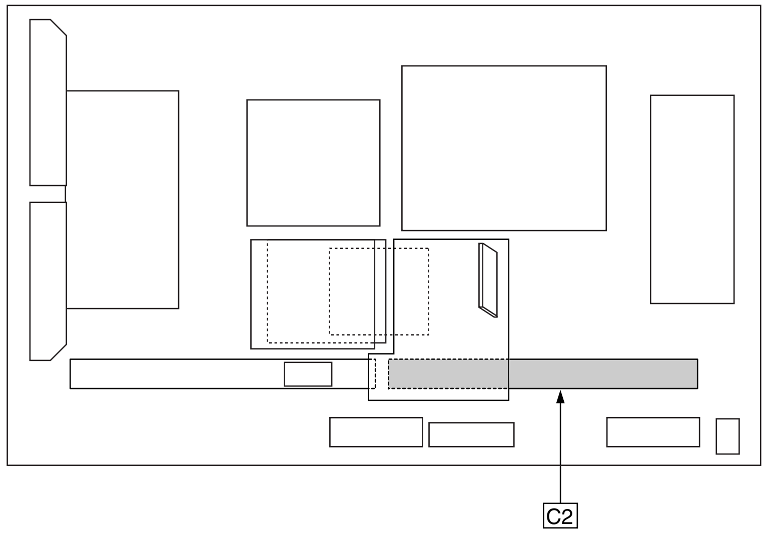
6
5
4
3
2
1

A B C D E F G H I

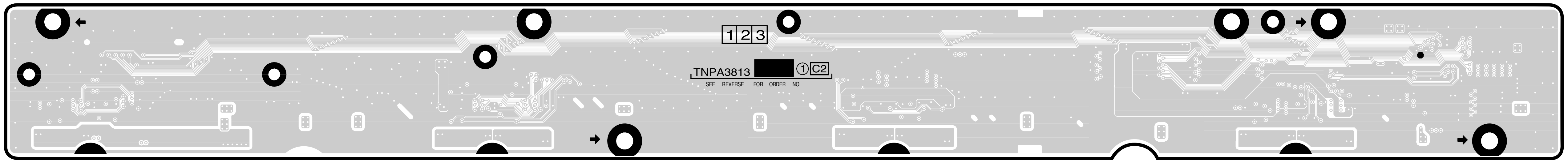
13.13. C2-Board (42inch)

Parts Location

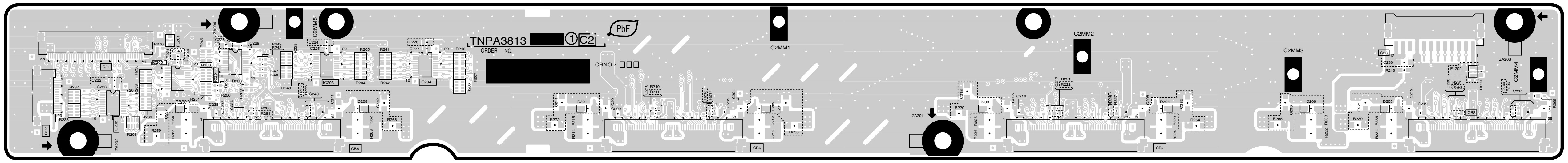
C2-BOARD	
IC	
IC7201	B-2
IC7202	A-1
IC7203	B-2
IC7204	C-2
IC7205	B-1



C2-BOARD (FOIL SIDE)
TNPA3813AB


1 2 3
TNPA3813
① C2
SEE REVERSE FOR ORDER NO.

C2-BOARD (COMPONENT SIDE)
TNPA3813AB


TNPA3813
① C2
ORDER NO.
PbF
CRNO.7
C2MM1
C2MM2
C2MM3
C2MM4
C2MM5

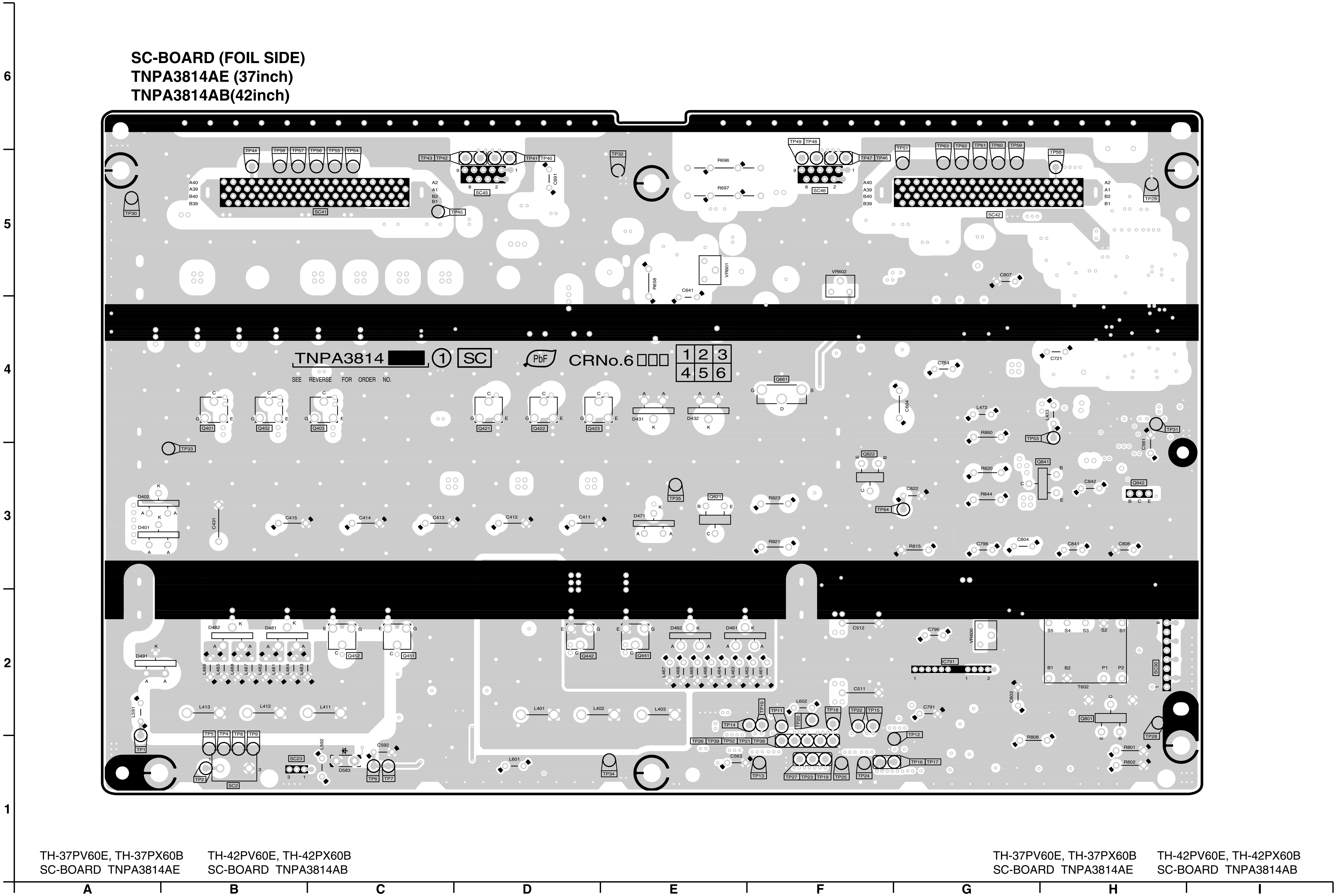
TH-42PV60E, TH-42PX60B
C2-BOARD TNPA3813AB

TH-42PV60E, TH-42PX60B
C2-BOARD TNPA3813AB

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

13.14. SC-Board

SC-BOARD (FOIL SIDE)
TNPA3814AE (37inch)
TNPA3814AB(42inch)

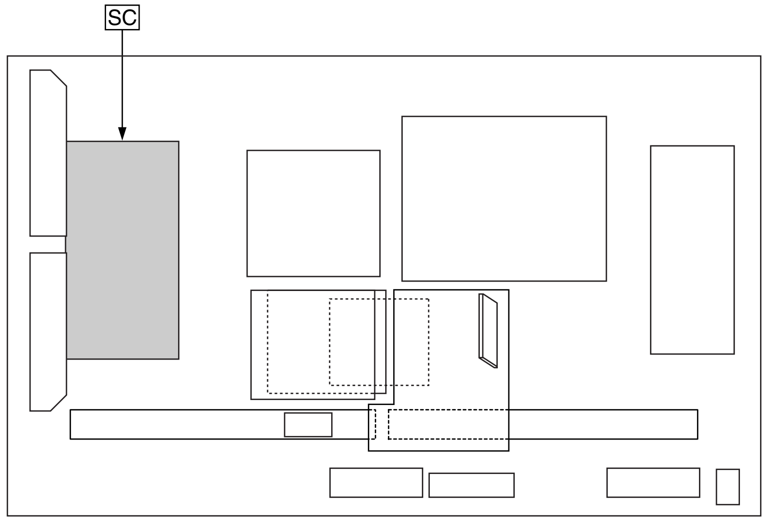

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPA3814
SC
PbF
CRNo.6
1 2 3
4 5 6
SEE REVERSE FOR ORDER NO.
SC41
SC42
SC45
SC46
SC23
SC2
SC30
TP1
TP2
TP30
TP33
TP34
TP35
TP44
TP58
TP57
TP56
TP55
TP54
TP43
TP42
TP41
TP40
TP45
TP32
TP49
TP48
TP47
TP46
TP51
TP63
TP62
TP61
TP60
TP59
TP50
TP29
TP31
TP53
TP64
TP28
TP5
TP4
TP8
TP9
TP6
TP7
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP24
TP25
TP26
TP27
TP38
TP39
TP52
Q401
Q402
Q403
Q421
Q422
Q423
Q441
Q442
Q451
Q452
Q661
Q801
Q821
Q822
Q841
Q842
D401
D402
D431
D432
D461
D462
D471
D481
D482
D491
D583
C411
C412
C413
C414
C415
C431
C511
C512
C563
C592
C641
C691
C604
C721
C754
C791
C795
C796
C802
C804
C806
C807
C822
C841
C842
C561
R658
R696
R697
R801
R802
R808
R815
R821
R823
R844
R860
R620
L401
L402
L403
L411
L412
L413
L461
L462
L463
L464
L465
L466
L467
L468
L481
L482
L483
L484
L485
L486
L487
L488
L472
L473
L591
L592
L601
L602
IC791
VR600
VR601
VR602
T602
S5
S4
S3
S2
S1
B1
B2
P1
P2
A40
A39
B40
B39
A2
A1
B2
B1

TH-37PV60E, TH-37PX60B
SC-BOARD TNPA3814AE

TH-42PV60E, TH-42PX60B
SC-BOARD TNPA3814AB

TH-37PV60E, TH-37PX60B
SC-BOARD TNPA3814AE

TH-42PV60E, TH-42PX60B
SC-BOARD TNPA3814AB



Parts Location

SC-BOARD (FOIL SIDE)

TRANSISTOR	
Q6401	B-4
Q6402	B-4
Q6403	C-4
Q6421	D-4
Q6422	D-4
Q6423	D-4
Q6441	E-2
Q6442	D-2
Q6451	C-2
Q6452	C-2
Q6661	F-4
Q6801	H-1
Q6821	E-3
Q6822	F-3
Q6841	H-3
Q6842	H-3

TP	
TP1	A-1
TP2	B-1
TP4	B-2
TP5	B-2
TP6	C-1
TP7	C-1
TP8	B-2
TP9	B-2
TP10	F-2
TP11	F-2
TP12	G-1
TP13	G-1
TP14	E-2
TP15	F-2
TP16	G-1
TP17	G-1
TP18	F-2
TP19	F-1
TP20	F-2
TP21	E-1
TP22	F-2
TP23	F-1
TP24	F-1
TP25	F-1
TP26	E-1
TP27	F-1
TP28	H-2
TP29	H-5
TP30	A-5
TP31	H-4
TP32	E-5
TP33	B-3
TP34	E-1
TP35	E-3
TP38	F-1
TP39	E-1
TP40	D-5
TP41	D-5
TP42	C-5
TP43	C-5
TP44	B-6
TP45	C-5
TP46	F-5
TP47	F-5
TP48	F-6
TP49	F-6
TP50	H-6
TP51	G-6
TP52	E-1
TP53	G-4
TP54	C-6
TP55	C-6
TP56	C-6
TP57	B-6
TP58	B-6
TP59	G-6
TP60	G-6
TP61	G-6
TP62	G-6
TP63	G-6
TP64	F-3

VOLUME	
VR6600	G-2
VR6601	E-5
VR6602	F-5

Parts Location

SC-BOARD (COMPONENT SIDE)

IC	
IC6471	B-4
IC6472	B-4
IC6501	G-4
IC6521	F-2
IC6561	C-1
IC6562	D-2
IC6581	F-1
IC6601	E-5
IC6602	A-4
IC6610	B-5
IC6671	D-4
IC6681	D-5
IC6682	A-4
IC6721	A-5
IC6722	A-4
IC6724	C-5
IC6725	C-5
IC6751	C-4
IC6752	C-4
IC6753	C-4
IC6771	C-5
IC6772	C-5
IC6773	C-5
IC6774	C-4
IC6791	C-2
IC6801	C-2
IC6802	C-2
IC6821	C-3
IC6841	A-3
IC6861	B-5
IC6871	B-2

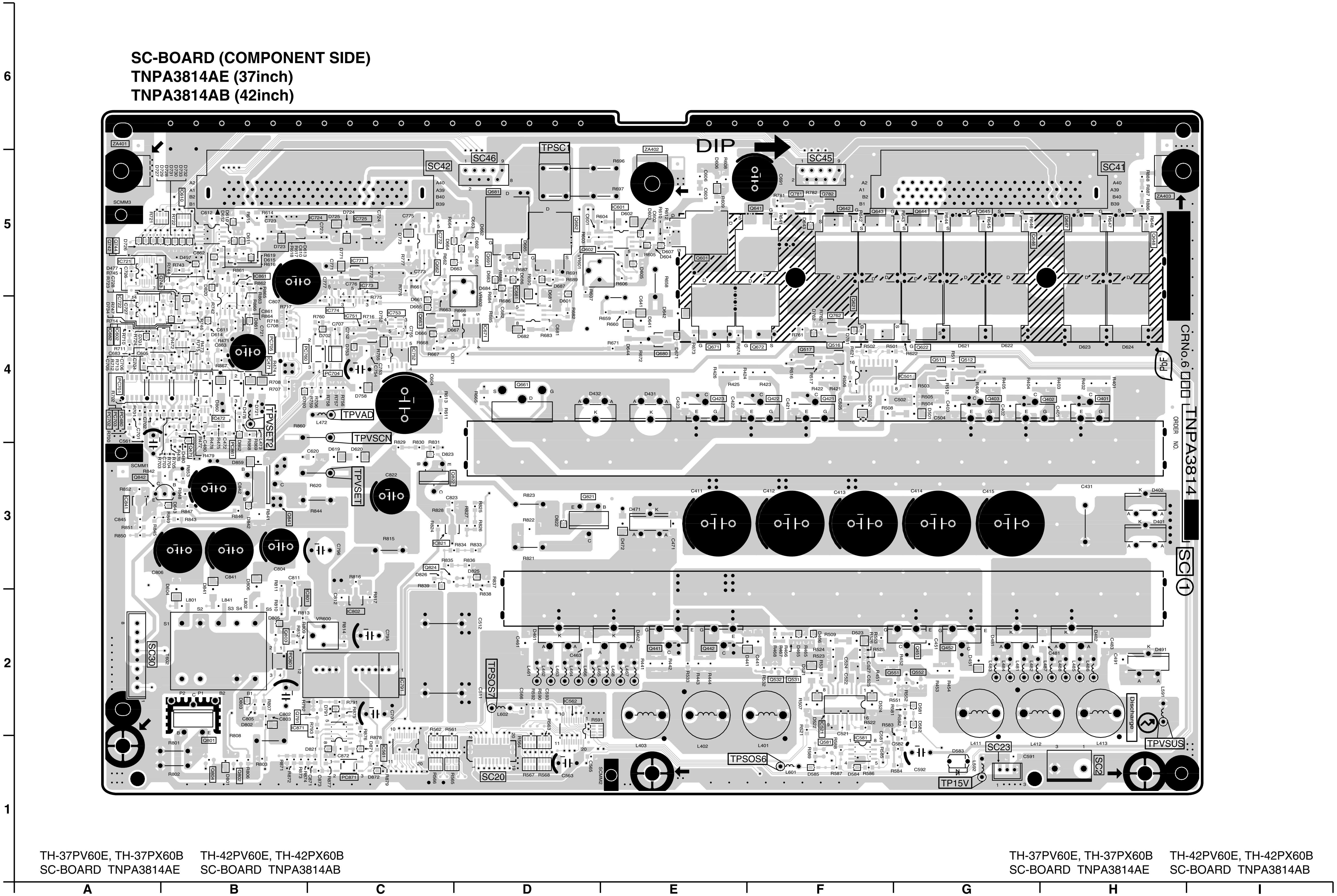
PHOTO COUPLER	
PC6480	A-4
PC6701	A-4
PC6702	A-4
PC6703	A-4
PC6704	C-4
PC6705	B-4
PC6760	C-4
PC6801	B-2
PC6861	B-3
PC6871	C-1

TRANSISTOR	
Q6401	H-4
Q6402	H-4
Q6403	G-4
Q6421	F-4
Q6422	F-4
Q6423	E-4
Q6441	E-2
Q6442	E-2
Q6451	G-2
Q6452	G-2
Q6471	B-3
Q6511	G-4
Q6512	G-4
Q6516	F-4
Q6517	F-4
Q6531	F-2
Q6532	F-2
Q6551	F-2
Q6552	G-2
Q6581	F-1
Q6601	E-5
Q6602	D-5
Q6621	F-4
Q6622	G-4
Q6641	F-5
Q6642	F-5
Q6643	F-5
Q6644	G-5
Q6645	G-5
Q6646	G-5
Q6647	H-5
Q6648	H-5
Q6661	D-4
Q6662	C-5
Q6663	C-4
Q6671	E-4
Q6672	F-4
Q6680	E-4
Q6681	D-5
Q6682	D-5
Q6691	D-5
Q6742	A-5
Q6743	B-5
Q6744	A-5
Q6762	F-4
Q6781	F-5
Q6782	F-5
Q6791	B-2
Q6801	B-1
Q6802	B-1
Q6803	B-2
Q6804	B-1
Q6821	D-3
Q6822	D-3
Q6824	C-3
Q6841	B-3
Q6842	A-3

TP	
TP15V	G-1
TPSC1	D-6
TPSOS6	F-1
TPSOS7	D-2
TPVAD	C-4
TPVSCN	C-4
TPVSET	C-3
TPVSET2	B-4
TPVSUS	H-1

VOLUME	
VR6600	C-2
VR6601	D-4
VR6602	D-5

SC-BOARD (COMPONENT SIDE)
TNPA3814AE (37inch)
TNPA3814AB (42inch)


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TPSC1
ZA401
ZA402
ZA403
DIP
SC42
SC46
SC45
SC41
SCMM3
SCMM1
SCMM2
TPVAD
TPVSCN
TPVSET
TPVSET2
TPSOS7
TPSOS6
TPVSUS
TP15V
SC30
SC20
SC23
SC2
SC①
Discharge
CRNo.6
ORDER NO.
TNPA3814
PbF
L401
L402
L403
L411
L412
L413
C411
C412
C413
C414
C415
C431

TH-37PV60E, TH-37PX60B
SC-BOARD TNPA3814AE

TH-42PV60E, TH-42PX60B
SC-BOARD TNPA3814AB

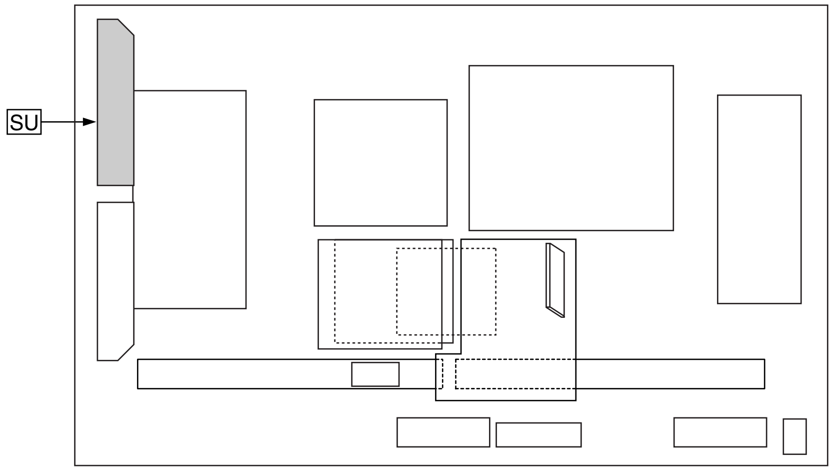
TH-37PV60E, TH-37PX60B
SC-BOARD TNPA3814AE

TH-42PV60E, TH-42PX60B
SC-BOARD TNPA3814AB

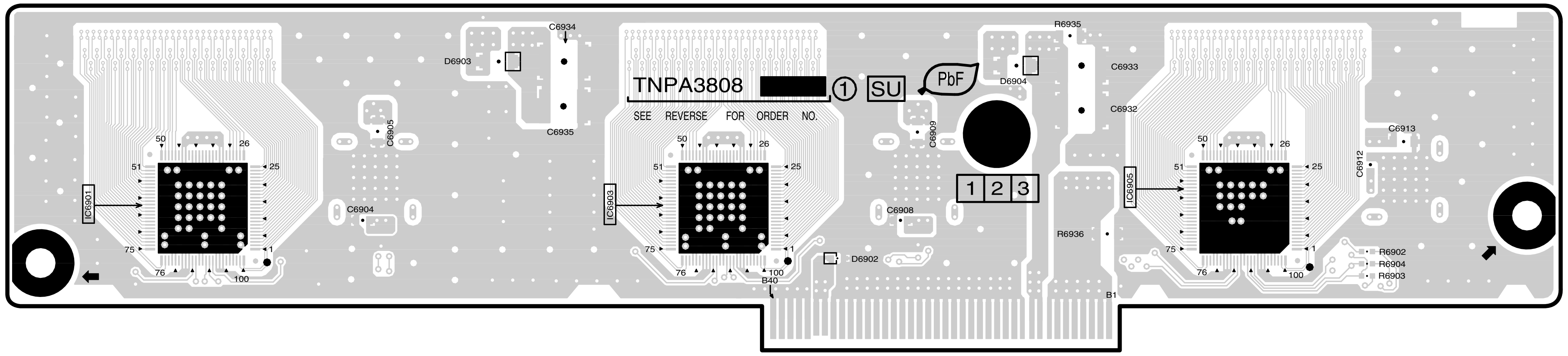
13.15. SU-Board (37inch)

Parts Location

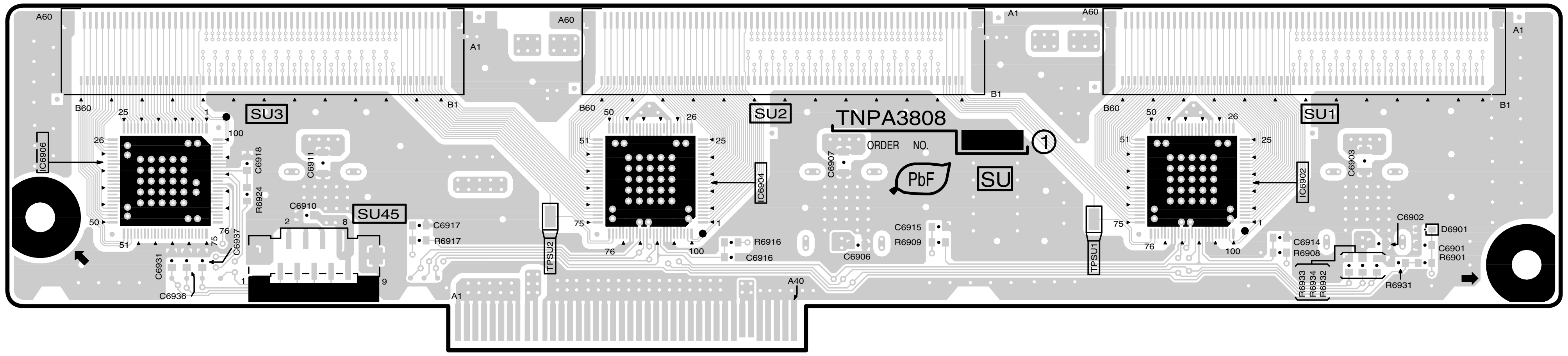
SU-BOARD	
IC	
IC6901	B-3
IC6902	F-2
IC6903	D-3
IC6904	D-2
IC6905	G-3
IC6906	B-2



SU-BOARD (FOIL SIDE)
TNPA3808AB


TNPA3808
①
SU
PbF
SEE REVERSE FOR ORDER NO.
1 2 3
IC6901
IC6903
IC6905
C6934
C6935
D6903
C6905
C6904
R6935
D6904
C6933
C6932
C6909
C6908
D6902
R6936
C6913
C6912
R6902
R6904
R6903
B40
B1
50
26
51
25
75
1
76
100

SU-BOARD (COMPONENT SIDE)
TNPA3808AB


TNPA3808
ORDER NO.
①
PbF
SU
SU1
SU2
SU3
SU45
A60
A1
B60
B1
A40
IC6902
IC6904
IC6906
TPSU1
TPSU2
C6918
C6911
C6910
R6924
C6937
C6931
C6936
C6917
R6917
R6916
C6916
C6907
C6915
R6909
C6906
C6903
C6902
D6901
C6914
R6908
C6901
R6901
R6933
R6934
R6932
R6931
1
2
8
9
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

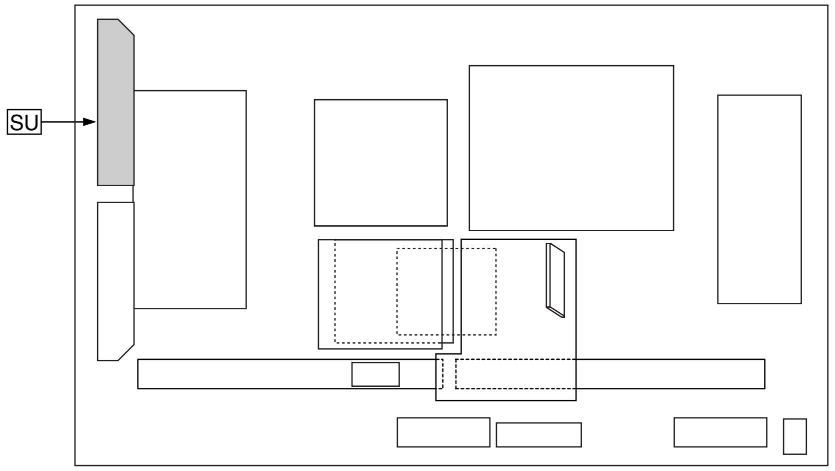
TH-37PV60E, TH-37PX60B
SU-BOARD TNPA3808AB

TH-37PV60E, TH-37PX60B
SU-BOARD TNPA3808AB

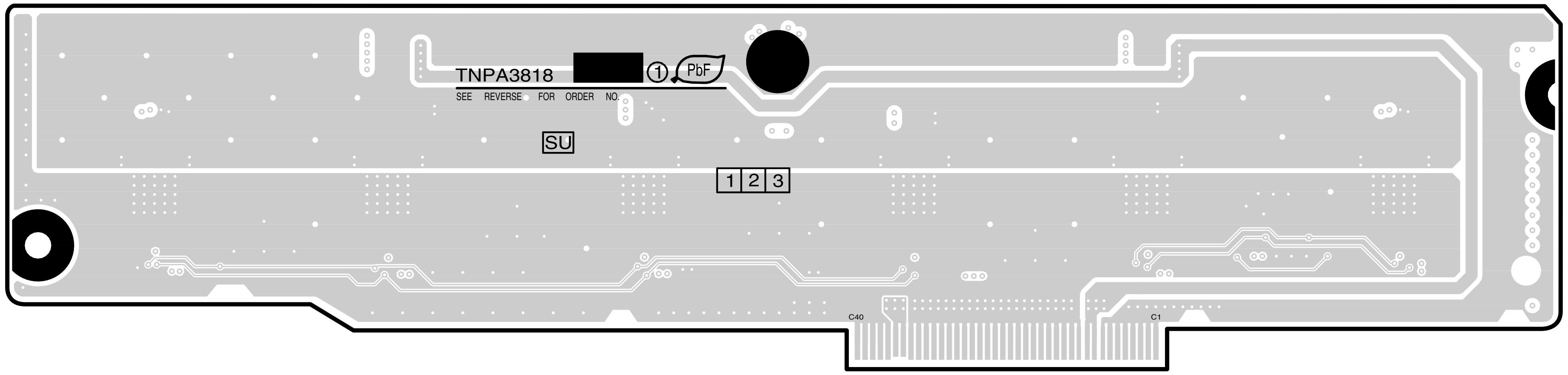
13.16. SU-Board (42inch)

Parts Location

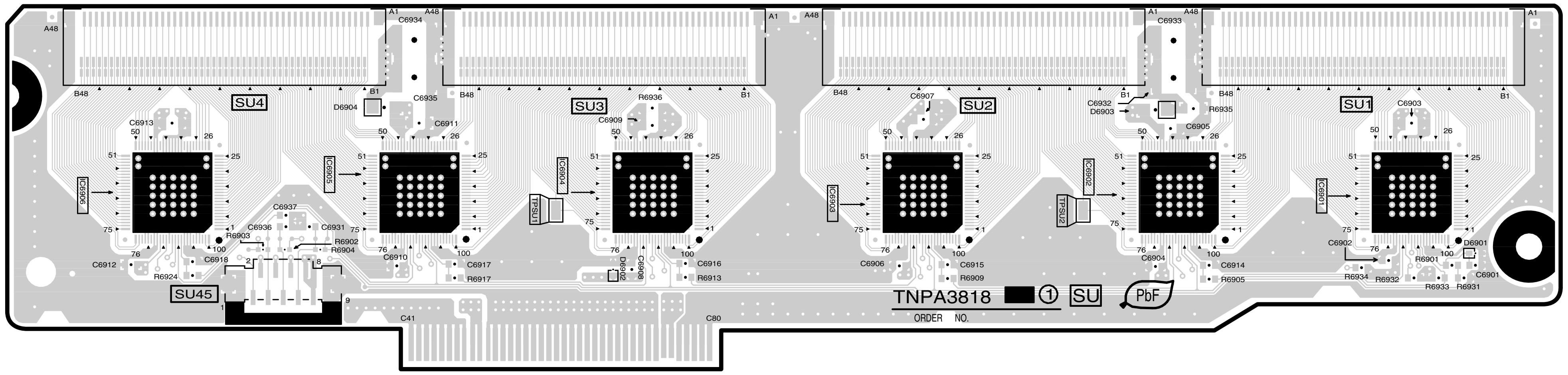
SU-BOARD	
IC	
IC6901	G-2
IC6902	F-2
IC6903	E-2
IC6904	D-1
IC6905	C-2
IC6906	B-2



SU-BOARD (FOIL SIDE)
TNPA3818AB


TNPA3818
①
PbF
SEE REVERSE FOR ORDER NO.
SU
1 2 3
C40
C1

SU-BOARD (COMPONENT SIDE)
TNPA3818AB


A48
A1
B48
B1
SU4
SU3
SU2
SU1
SU45
IC6906
IC6905
IC6904
IC6903
IC6902
IC6901
TPSU1
TPSU2
C6934
C6935
C6911
C6913
C6909
C6907
C6933
C6932
C6905
C6903
C6937
C6936
C6931
C6918
C6912
C6910
C6917
C6916
C6906
C6915
C6904
C6914
C6902
C6901
C6908
D6904
D6903
D6902
D6901
R6936
R6935
R6903
R6902
R6904
R6924
R6917
R6913
R6909
R6905
R6934
R6932
R6933
R6931
R6901
50
26
51
25
75
1
76
100
C41
C80
TNPA3818
①
SU
PbF
ORDER NO.

6
5
4
3
2
1

A B C D E F G H I

TH-42PV60E, TH-42PX60B
SU-BOARD TNPA3818AB

TH-42PV60E, TH-42PX60B
SU-BOARD TNPA3818AB

13.17. SD-Board (37inch)

6

5

4

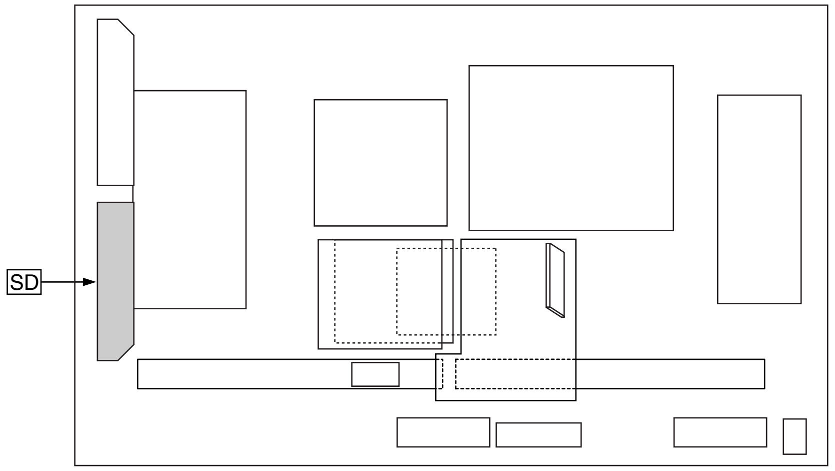
3

2

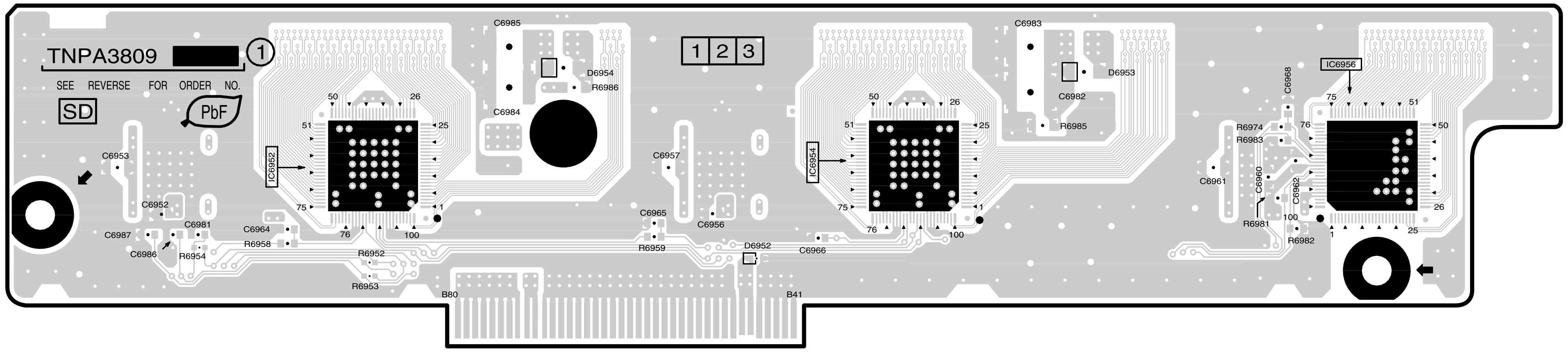
1

Parts Location

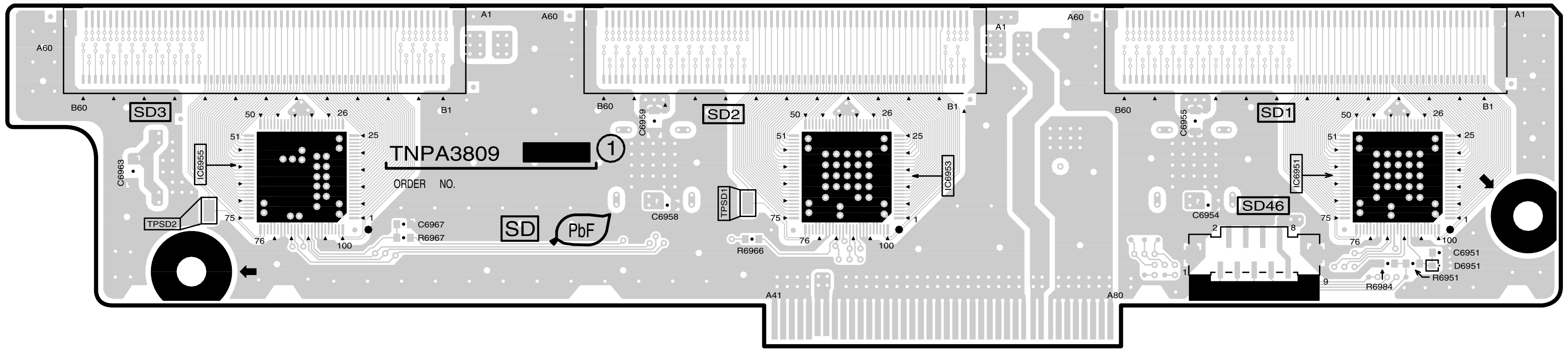
SD-BOARD	
IC	
IC6951	G-2
IC6952	C-4
IC6953	E-2
IC6954	E-4
IC6955	C-2
IC6956	G-4



SD-BOARD (FOIL SIDE)
TNPA3809AB


TNPA3809
①
SEE REVERSE FOR ORDER NO.
SD
PbF
1 2 3
IC6952
IC6954
IC6956
C6953
C6952
C6981
C6987
C6986
R6954
C6964
R6958
R6952
R6953
C6985
D6954
R6986
C6984
C6957
C6965
C6956
R6959
D6952
C6966
C6983
D6953
C6982
R6985
C6968
R6974
R6983
C6961
C6960
C6962
R6981
R6982
B80
B41
50
26
51
25
75
1
76
100

SD-BOARD (COMPONENT SIDE)
TNPA3809AB


A60
B60
SD3
B1
A1
A60
B60
SD2
B1
A1
A60
B60
SD1
B1
A1
TNPA3809
①
ORDER NO.
SD
PbF
IC6955
IC6953
IC6951
C6963
TPSD2
C6967
R6967
C6959
C6958
TPSD1
R6966
C6955
C6954
SD46
C6951
D6951
R6951
R6984
A41
A80
50
26
51
25
75
1
76
100
2
8
9

TH-37PV60E, TH-37PX60B
SD-BOARD TNPA3809AB

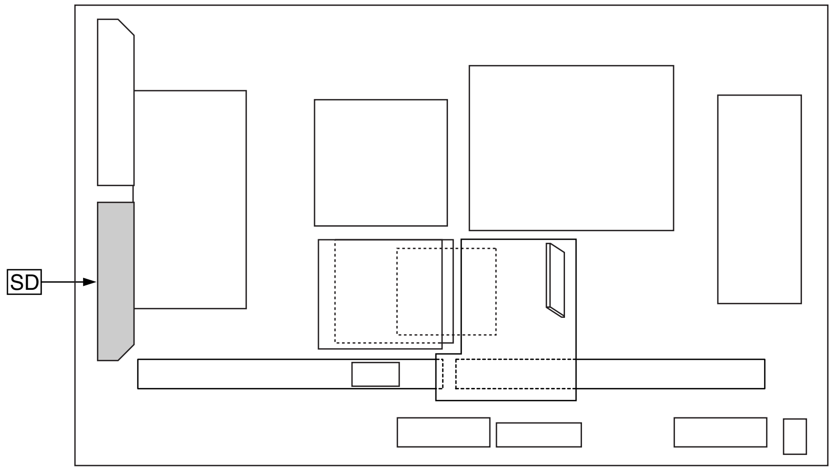
TH-37PV60E, TH-37PX60B
SD-BOARD TNPA3809AB

A B C D E F G H I

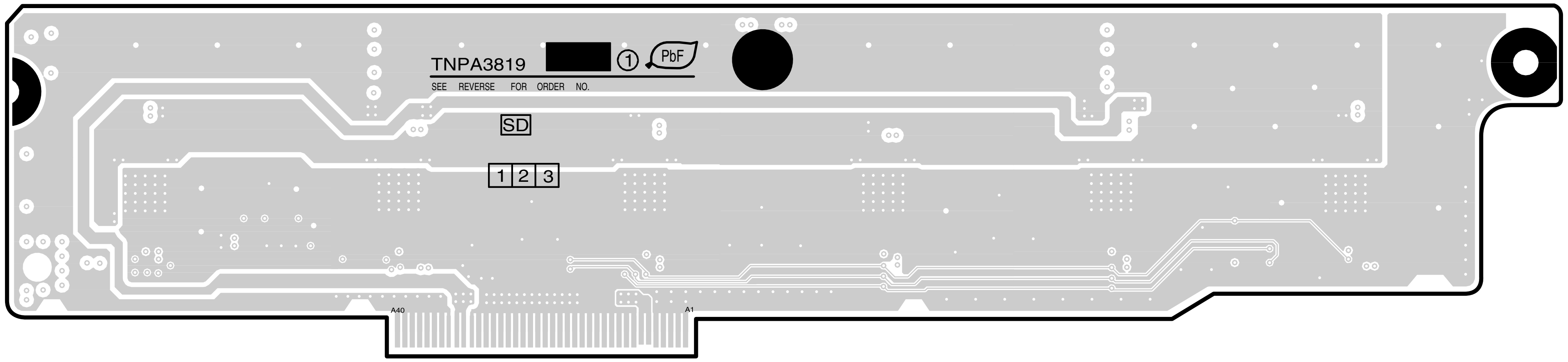
13.18. SD-Board (42inch)

Parts Location

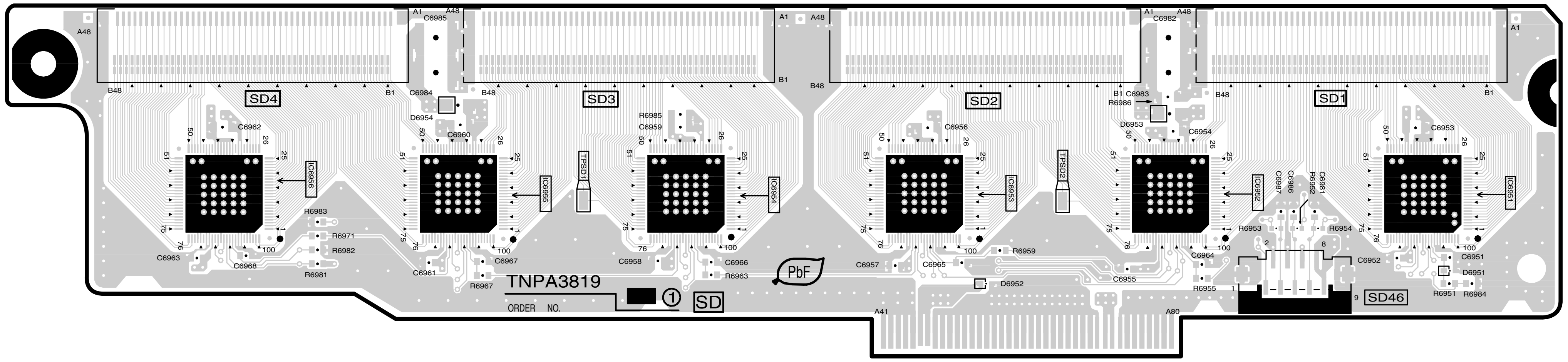
SD-BOARD	
IC	
IC6951	G-2
IC6952	F-2
IC6953	E-2
IC6954	D-1
IC6955	C-2
IC6956	B-2



SD-BOARD (FOIL SIDE)
TNPA3819AB


TNPA3819
SEE REVERSE FOR ORDER NO.
①
PbF
SD
1 2 3
A40
A1

SD-BOARD (COMPONENT SIDE)
TNPA3819AB


SD4
SD3
SD2
SD1
SD46
IC6956
IC6955
IC6954
IC6953
IC6952
IC6951
TPSD1
TPSD2
A1
A48
B1
B48
A41
A80
C6985
C6984
D6954
C6960
C6962
C6963
C6968
R6983
R6971
R6982
R6981
C6961
C6967
R6967
R6985
C6959
C6958
C6966
R6963
C6956
C6957
C6965
R6959
D6952
C6983
R6986
C6982
D6953
C6954
C6964
C6955
R6955
C6987
C6986
D6981
R6953
R6954
C6953
C6952
C6951
D6951
R6951
R6984
TNPA3819
ORDER NO.
①
PbF
SD

6
5
4
3
2
1

TH-42PV60E, TH-42PX60B
SD-BOARD TNPA3819AB

TH-42PV60E, TH-42PX60B
SD-BOARD TNPA3819AB

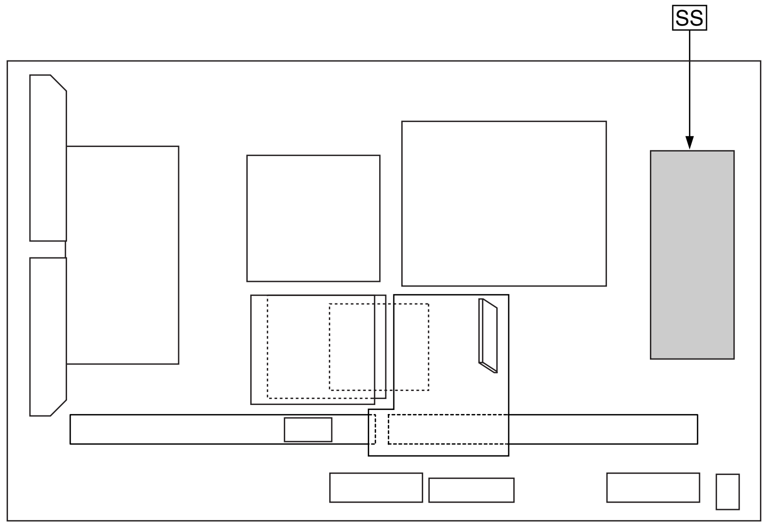
A B C D E F G H I

13.19. SS-Board

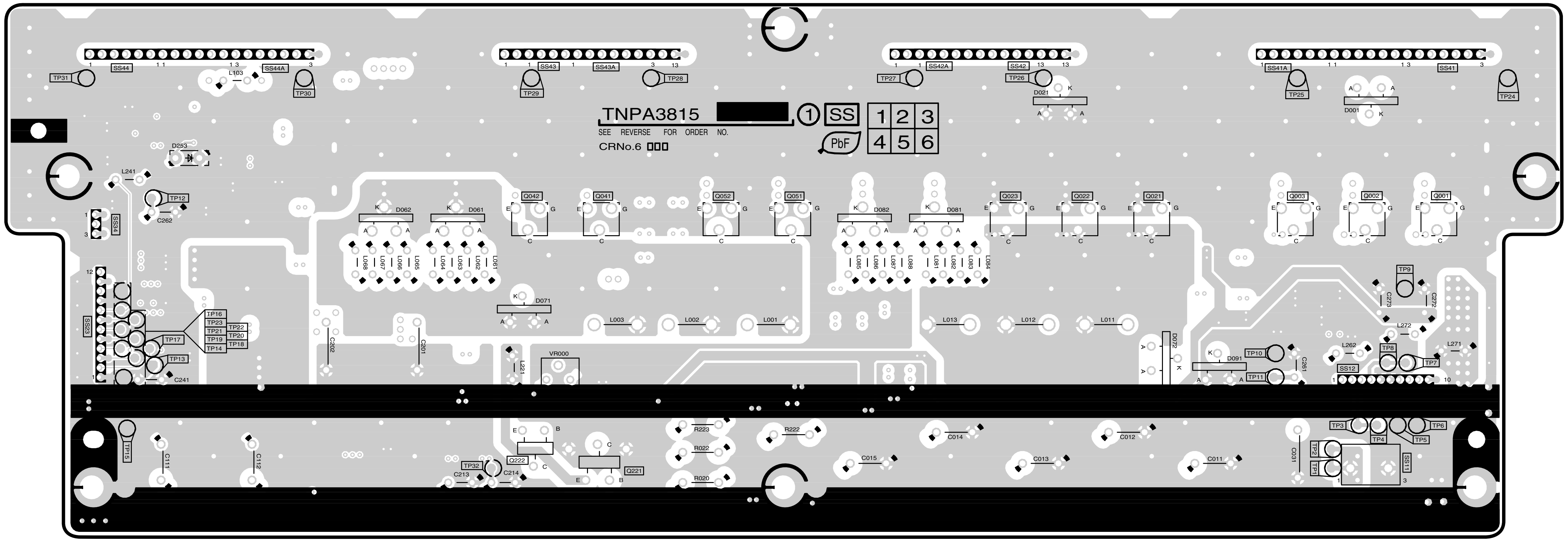
Parts Location

SS-BOARD (FOIL SIDE)

TRANSISTOR		TP		TP16	B-2	VOLUME	
Q6001	H-3	TP1	H-1	TP17	B-2	VR6000	D-2
Q6002	H-3	TP2	H-2	TP18	B-2		
Q6003	H-3	TP3	H-2	TP19	B-2		
Q6021	G-3	TP4	H-2	TP20	B-2		
Q6022	F-3	TP5	H-2	TP21	B-2		
Q6023	F-3	TP6	H-2	TP22	B-2		
Q6041	D-3	TP7	H-2	TP23	B-2		
Q6042	D-3	TP8	H-2	TP24	I-3		
Q6051	E-3	TP9	H-2	TP25	H-3		
Q6052	E-3	TP10	G-2	TP26	F-3		
Q6221	D-1	TP11	G-2	TP27	F-3		
Q6222	D-2	TP12	B-3	TP28	D-3		
		TP13	B-2	TP29	D-3		
		TP14	B-2	TP30	B-3		
		TP15	A-2	TP31	A-3		
				TP32	C-1		



SS-BOARD (FOIL SIDE)
TNPA3815AE (37inch)
TNPA3815AB (42inch)


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPA3815
SS
1 2 3
4 5 6
PbF
SEE REVERSE FOR ORDER NO.
CRNo.6
SS44
SS44A
SS43
SS43A
SS42A
SS42
SS41A
SS41
SS34
SS23
SS12
SS11
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP31
TP32
Q042
Q041
Q052
Q051
Q023
Q022
Q021
Q003
Q002
Q001
Q222
Q221
D062
D061
D082
D081
D071
D072
D091
D021
D001
D253
L241
L103
L061
L062
L063
L064
L065
L066
L067
L068
L081
L082
L083
L084
L085
L086
L087
L088
L001
L002
L003
L011
L012
L013
L221
L262
L271
L272
C262
C241
C202
C201
C111
C112
C213
C214
C014
C012
C015
C013
C011
C261
C273
C272
C331
R223
R222
R022
R020
VR000

TH-37PV60E, TH-37PX60B
SS-BOARD TNPA3815AE

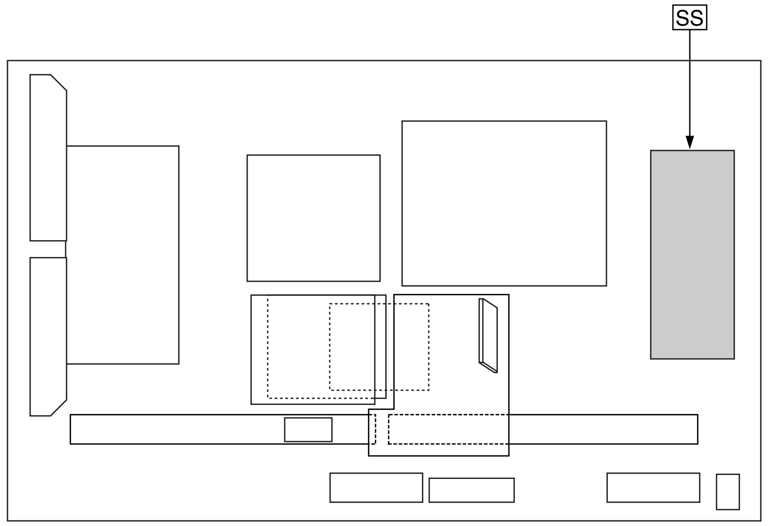
TH-42PV60E, TH-42PX60B
SS-BOARD TNPA3815AB

TH-37PV60E, TH-37PX60B
SS-BOARD TNPA3815AE

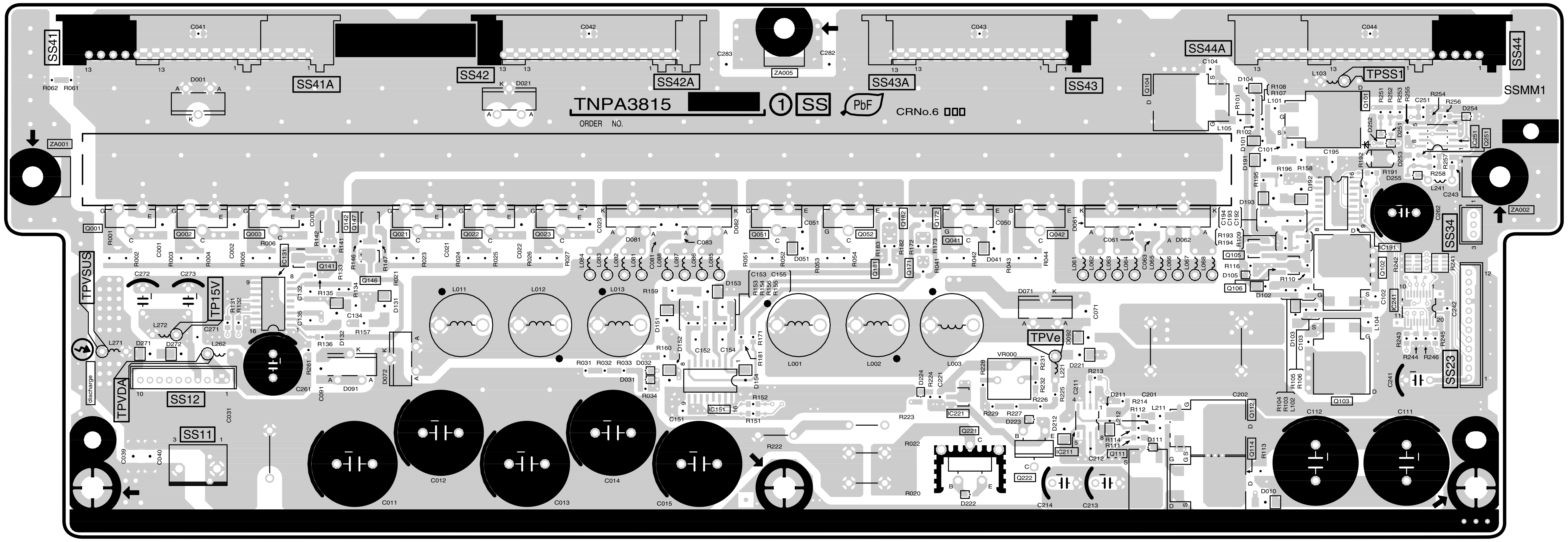
TH-42PV60E, TH-42PX60B
SS-BOARD TNPA3815AB

Parts Location

SS-BOARD (COMPONENT SIDE)							
IC		TRANSISTOR				TP	
IC6131	B-3	Q6001	A-3	Q6111	G-2	TP15V	B-2
IC6151	E-2	Q6002	B-3	Q6112	G-2	TPSS1	H-4
IC6191	H-3	Q6003	B-3	Q6114	G-2	TPVDA	A-2
IC6211	F-2	Q6021	C-3	Q6141	C-3	TPVe	F-2
IC6221	F-2	Q6022	C-3	Q6142	C-3	TPVSUS	A-2
IC6241	H-2	Q6023	D-3	Q6146	C-2	VOLUME	
IC6251	I-3	Q6041	F-3	Q6147	C-3	VR6000	F-2
		Q6042	F-3	Q6171	F-3		
		Q6051	E-3	Q6172	F-3		
		Q6052	E-3	Q6181	E-3		
		Q6101	H-3	Q6182	F-3		
		Q6102	H-3	Q6221	F-2		
		Q6103	H-2	Q6222	F-1		
		Q6104	G-3	Q6251	H-3		
		Q6105	G-3				
		Q6106	G-2				



SS-BOARD (COMPONENT SIDE)
TNPA3815AE (37inch)
TNPA3815AB (42inch)


6
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3
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A
B
C
D
E
F
G
H
I
SS41
SS41A
SS42
SS42A
SS43A
SS43
SS44A
SS44
TPSS1
SSMM1
TNPA3815
① SS
PbF
CRNo.6
ORDER NO.
ZA001
ZA002
ZA005
TPVSUS
TP15V
TPVDA
TPVe
SS12
SS11
SS34
SS23
C041
C042
C043
C044
C011
C012
C013
C014
C015
C111
C112
L011
L012
L013
L001
L002
L003
VR000
IC151
IC221
IC211
discharge

TH-37PV60E, TH-37PX60B
SS-BOARD TNPA3815AE

TH-42PV60E, TH-42PX60B
SS-BOARD TNPA3815AB

TH-37PV60E, TH-37PX60B
SS-BOARD TNPA3815AE

TH-42PV60E, TH-42PX60B
SS-BOARD TNPA3815AB

14 Schemaatic and Block Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by △ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

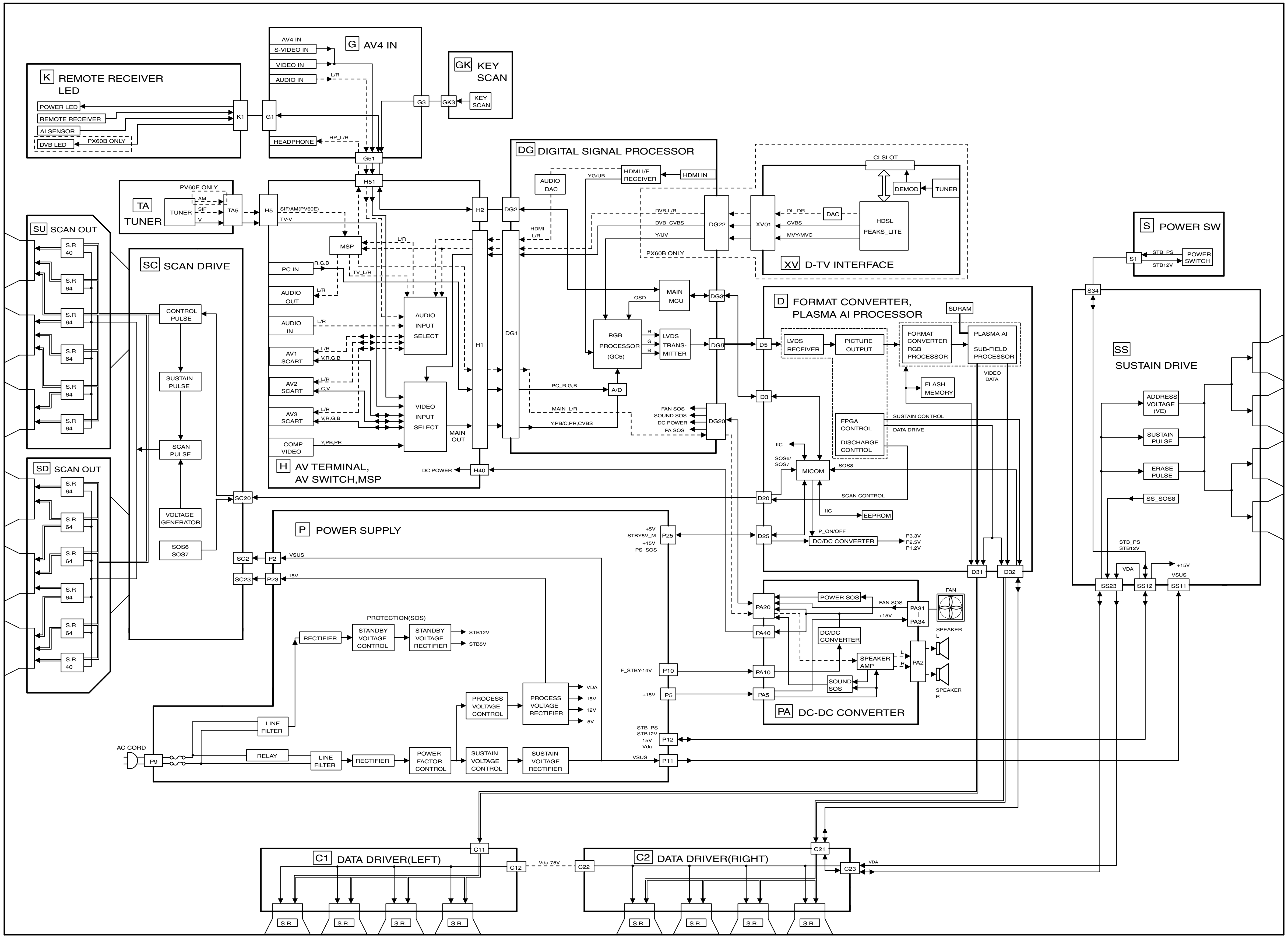
Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

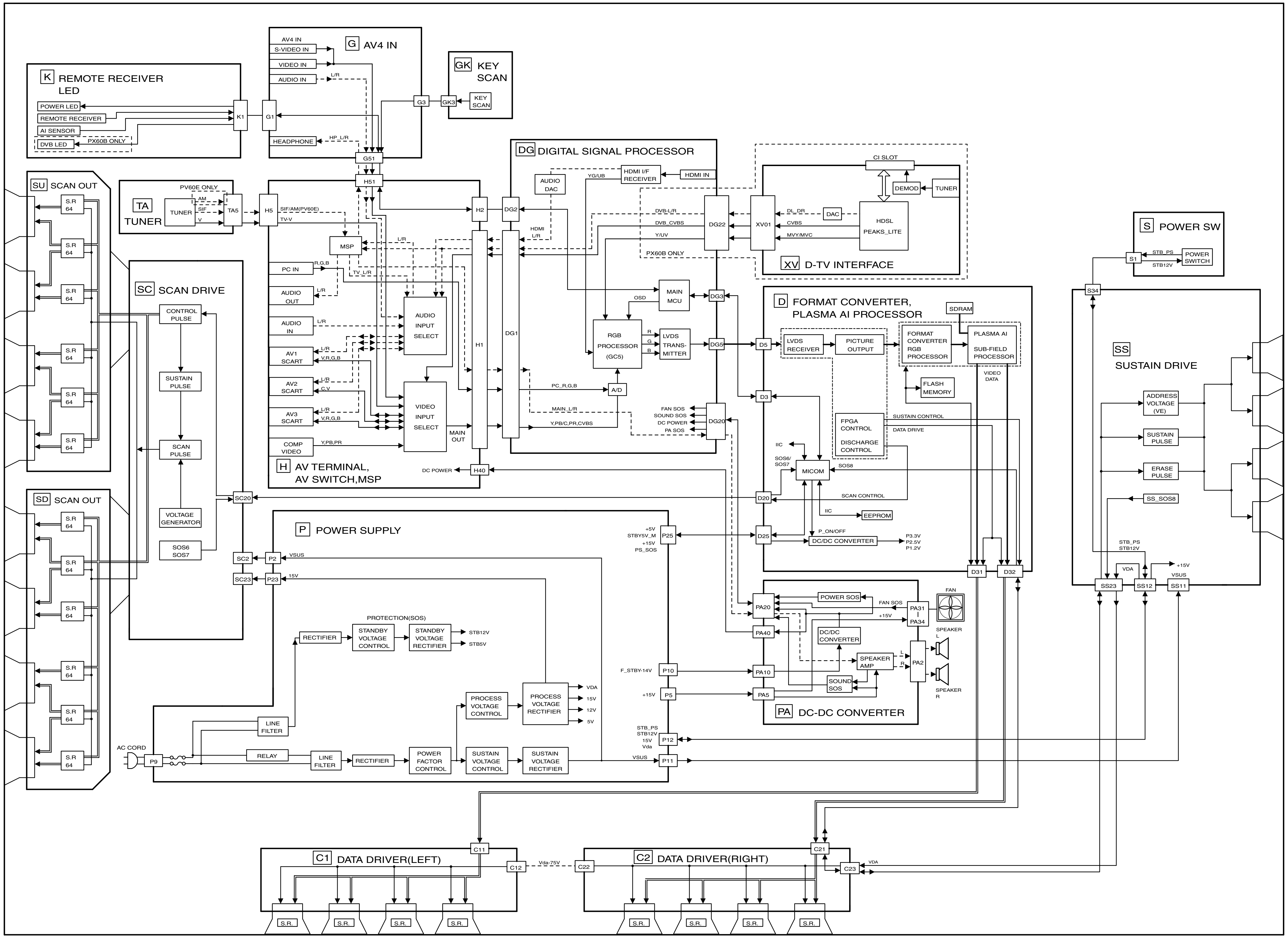
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

14.2. Main Block Diagram (37inch)


K REMOTE RECEIVER LED
POWER LED
REMOTE RECEIVER
AI SENSOR
DVB LED
PX60B ONLY
K1
G1
G AV4 IN
AV4 IN
S-VIDEO IN
VIDEO IN
AUDIO IN
L/R
HEADPHONE
HP_L/R
G3
G51
GK KEY SCAN
GK3
KEY SCAN
TA TUNER
PV60E ONLY
TUNER
AM
SIF
V
TA5
H5
SIF/AM(PV60E)
TV-V
H51
H2
DG2
SU SCAN OUT
S.R 40
S.R 64
S.R 64
S.R 64
S.R 64
S.R 64
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS6 SOS7
SC20
SC2
SC23
MSP
L/R
PC IN
R,G,B
TV_L/R
AUDIO OUT
L/R
AUDIO IN
L/R
AUDIO INPUT SELECT
AV1 SCART
L/R
V,R,G,B
AV2 SCART
L/R
C,V
AV3 SCART
L/R
V,R,G,B
VIDEO INPUT SELECT
COMP VIDEO
Y,PB,PR
MAIN OUT
H1
DG1
H AV TERMINAL, AV SWITCH,MSP
DC POWER
H40
DG DIGITAL SIGNAL PROCESSOR
AUDIO DAC
YG/UB
HDMI I/F RECEIVER
HDMI IN
HDMI L/R
DVB-L/R
DVB_CVBS
Y/UV
PX60B ONLY
DG22
OSD
MAIN MCU
DG3
RGB PROCESSOR (GC5)
R
G
B
LVDS TRANS-MITTER
DG5
PC_R,G,B
A/D
MAIN_L/R
Y,PB/C,PR,CVBS
FAN SOS
SOUND SOS
DC POWER
PA SOS
DG20
CI SLOT
DEMOD
TUNER
XV01
DL_DR
DAC
CVBS
MVY/MVC
HDSL PEAKS_LITE
XV D-TV INTERFACE
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
D5
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
D3
FPGA CONTROL
DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
IIC
SOS6/ SOS7
MICOM
SOS8
D20
SCAN CONTROL
IIC
EEPROM
D25
P_ON/OFF
DC/DC CONVERTER
P3.3V
P2.5V
P1.2V
D31
D32
S POWER SW
S1
STB_PS
STB12V
POWER SWITCH
S34
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS_SOS8
STB_PS
STB12V
VDA
+15V
VSUS
SS23
SS12
SS11
SD SCAN OUT
S.R 64
S.R 64
S.R 64
S.R 64
S.R 64
S.R 40
P POWER SUPPLY
+5V
STBY5V_M
+15V
PS_SOS
P25
P2
VSUS
P23
15V
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB12V
STB5V
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
F_STBY-14V
P10
+15V
P5
STB_PS
STB12V
15V
Vda
P12
VSUS
P11
LINE FILTER
AC CORD
P9
RELAY
LINE FILTER
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
PA20
POWER SOS
FAN SOS
+15V
PA31
PA34
FAN
PA40
DC/DC CONVERTER
SPEAKER L
SPEAKER AMP
L
R
PA2
PA10
SOUND SOS
SPEAKER R
PA5
PA DC-DC CONVERTER
C1 DATA DRIVER(LEFT)
C11
C12
Vda-75V
C22
C2 DATA DRIVER(RIGHT)
C21
C23
VDA
S.R.
S.R.
S.R.
S.R.
S.R.
S.R.
S.R.
S.R.

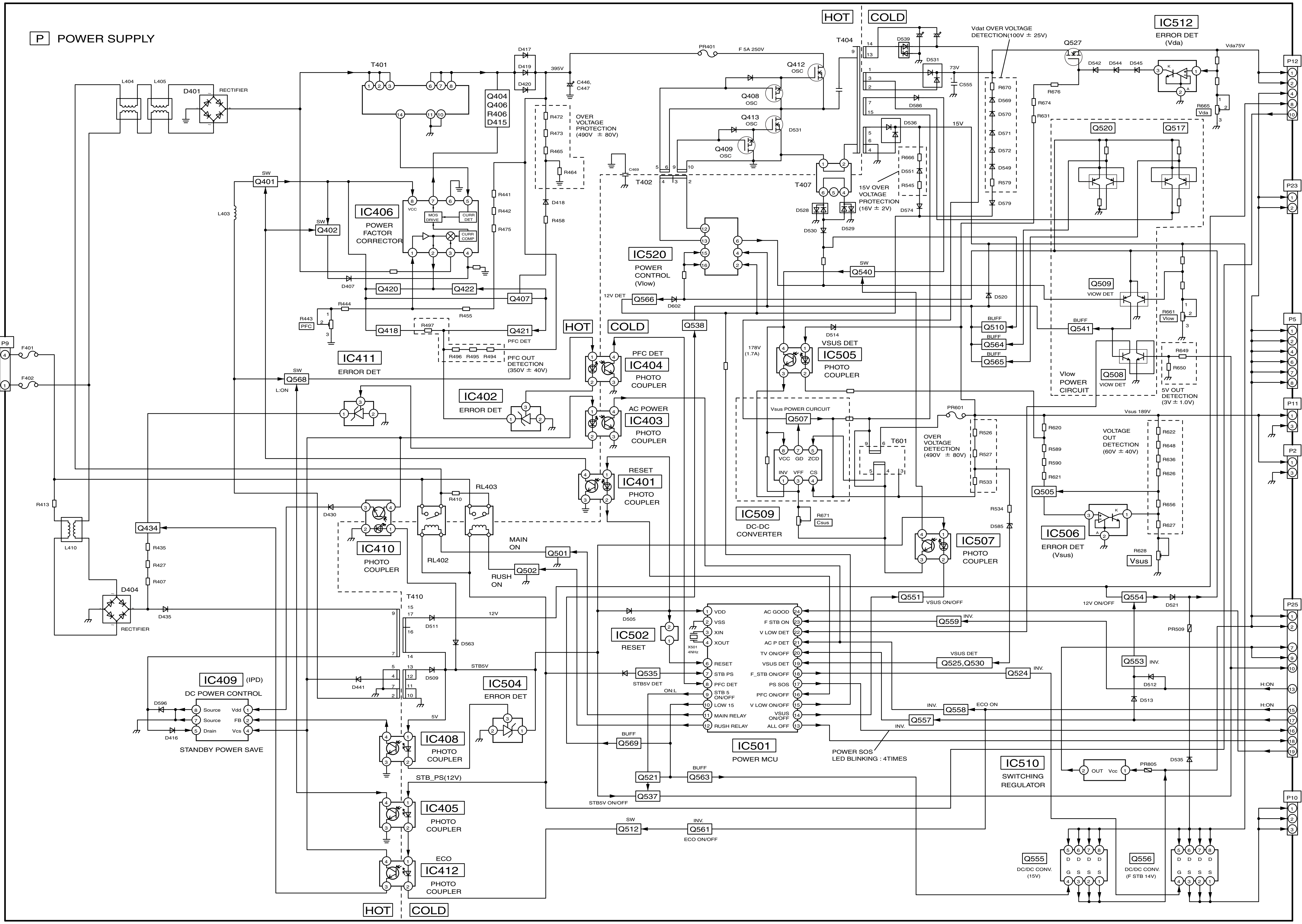
14.3. Main Block Diagram (42inch)


K REMOTE RECEIVER LED
POWER LED
REMOTE RECEIVER
AI SENSOR
DVB LED
PX60B ONLY
K1
G1
G AV4 IN
AV4 IN
S-VIDEO IN
VIDEO IN
AUDIO IN
L/R
HEADPHONE
HP_L/R
G3
GK3
GK KEY SCAN
KEY SCAN
G51
H51
SU SCAN OUT
S.R 64
TA TUNER
PV60E ONLY
TUNER
AM
SIF
V
TA5
H5
SIF/AM(PV60E)
TV-V
MSP
PC IN
R,G,B
AUDIO OUT
AUDIO IN
AV1 SCART
AV2 SCART
AV3 SCART
COMP VIDEO
V,R,G,B
C,V
Y,PB,PR
TV_L/R
AUDIO INPUT SELECT
VIDEO INPUT SELECT
MAIN OUT
H2
H1
H40
DC POWER
H AV TERMINAL, AV SWITCH,MSP
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS6 SOS7
SC20
SC2
SC23
SD SCAN OUT
DG DIGITAL SIGNAL PROCESSOR
AUDIO DAC
YG/UB
HDMI I/F RECEIVER
HDMI IN
DG2
DG1
HDMI L/R
DVB-L/R
DVB_CVBS
Y/UV
PX60B ONLY
DG22
MAIN MCU
OSD
DG3
RGB PROCESSOR (GC5)
R
G
B
LVDS TRANS-MITTER
DG5
A/D
PC_R,G,B
MAIN_L/R
Y,PB/C,PR,CVBS
FAN SOS
SOUND SOS
DC POWER
PA SOS
DG20
CI SLOT
DEMOD
TUNER
XV01
DL_DR
CVBS
MVY/MVC
DAC
HDSL PEAKS_LITE
XV D-TV INTERFACE
S POWER SW
S1
STB_PS
STB12V
POWER SWITCH
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
D5
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
D3
FPGA CONTROL
DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
IIC
SOS6/ SOS7
MICOM
SOS8
SCAN CONTROL
D20
EEPROM
D25
P_ON/OFF
DC/DC CONVERTER
P3.3V
P2.5V
P1.2V
D31
D32
S34
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS_SOS8
STB_PS STB12V
VDA
+15V
VSUS
SS23
SS12
SS11
P POWER SUPPLY
P2
P23
VSUS
15V
+5V STBY5V_M +15V PS_SOS
P25
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB12V
STB5V
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
F_STBY-14V
P10
+15V
P5
STB_PS STB12V 15V Vda
P12
VSUS
P11
AC CORD
P9
LINE FILTER
RELAY
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
PA20
POWER SOS
FAN SOS
+15V
PA31
PA34
FAN
PA40
DC/DC CONVERTER
SPEAKER AMP
SPEAKER L
SPEAKER R
L
R
PA2
PA10
SOUND SOS
PA5
PA DC-DC CONVERTER
C1 DATA DRIVER(LEFT)
C11
C12
Vda-75V
C22
C2 DATA DRIVER(RIGHT)
C21
C23
VDA
S.R.

TH-42PV60E, TH-42PX60B
Main Block Diagram

TH-42PV60E, TH-42PX60B
Main Block Diagram

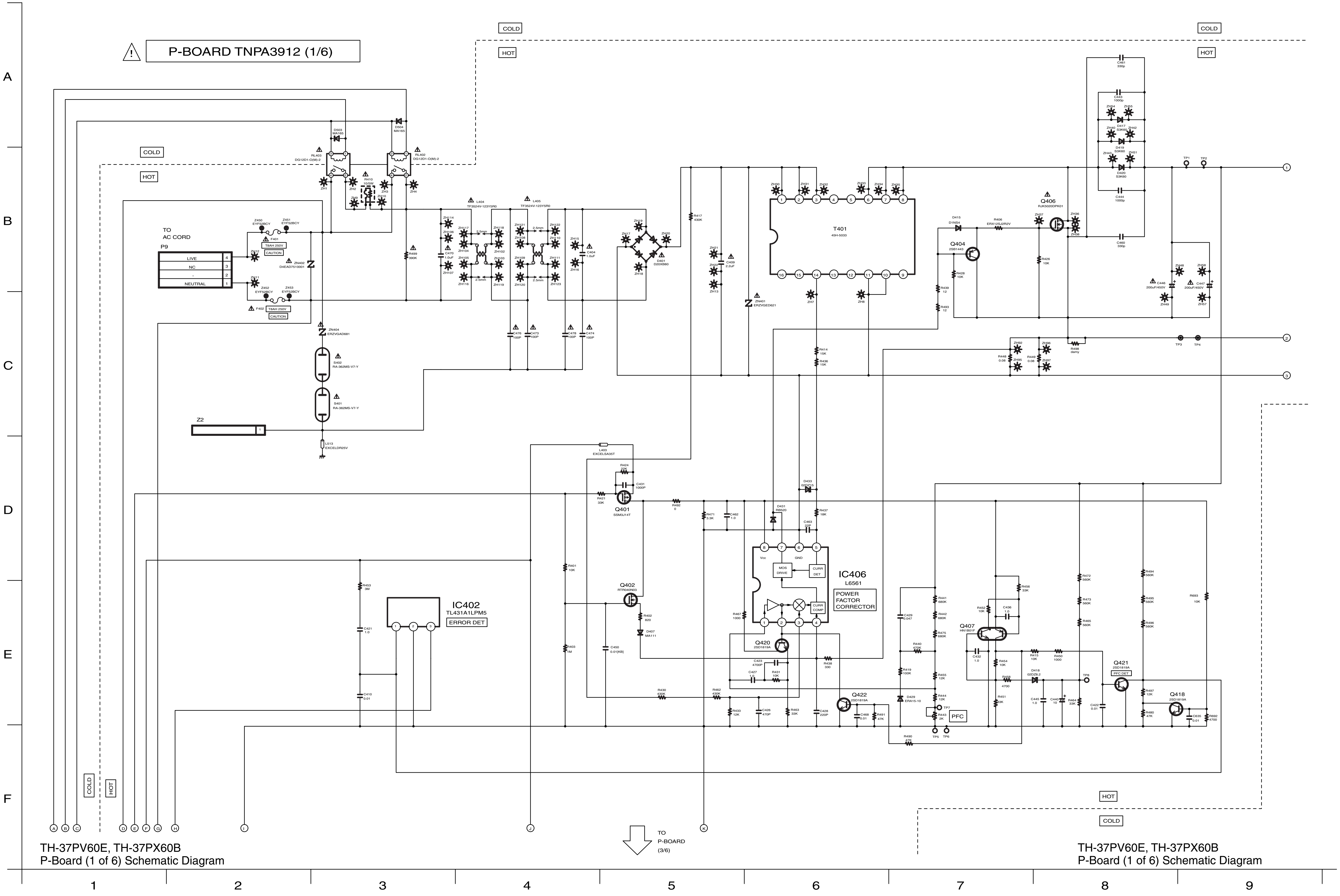
14.4. P-Board Block Diagram (37inch)


P POWER SUPPLY
HOT
COLD
TO AC CORD
P9
LIVE
NEUTRAL
F401
F402
L404
L405
D401
RECTIFIER
T401
Q404
Q406
R406
D415
D417
D419
D420
395V
C446, C447
R472
R473
R465
R464
OVER VOLTAGE PROTECTION (490V ± 80V)
Q401
SW
L403
Q402
IC406
POWER FACTOR CORRECTOR
VCC
MOS DRIVE
CURR DET
CURR COMP
R441
R442
R475
D418
R458
D407
Q420
Q422
Q407
R443
PFC
R444
R455
Q418
R497
Q421
PFC DET
R496
R495
R494
PFC OUT DETECTION (350V ± 40V)
IC411
ERROR DET
Q568
L:ON
IC402
ERROR DET
PR401
F 5A 250V
T404
Q412
OSC
Q408
OSC
Q413
OSC
Q409
OSC
D531
D586
D539
C555
73V
15V
D536
C469
T402
T407
R666
D551
R545
15V OVER VOLTAGE PROTECTION (16V ± 2V)
D574
D528
D529
D530
IC520
POWER CONTROL (Vlow)
12V DET
Q566
D602
Q538
SW
Q540
IC404
PHOTO COUPLER
IC403
AC POWER
PHOTO COUPLER
IC401
RESET
PHOTO COUPLER
D514
VSUS DET
178V (1.7A)
IC505
PHOTO COUPLER
Vsus POWER CURCUIT
Q507
VCC GD ZCD
INV VFF CS
IC509
DC-DC CONVERTER
R671
Csus
T601
PR601
OVER VOLTAGE DETECTION (490V ± 80V)
R526
R527
R533
R534
D585
IC507
PHOTO COUPLER
Vdat OVER VOLTAGE DETECTION(100V ± 25V)
Q527
D542
D544
D545
R676
R674
R631
R670
D569
D570
D571
D572
D549
R579
D579
IC512
ERROR DET (Vda)
Vda75V
R665
Vda
Q520
Q517
D520
BUFF
Q510
Q564
Q565
Q509
VIOW DET
Q541
R661
Vlow
R649
R650
Vlow POWER CIRCUIT
Q508
VIOW DET
5V OUT DETECTION (3V ± 1.0V)
Vsus 189V
R620
R589
R590
R621
Q505
VOLTAGE OUT DETECTION (60V ± 40V)
R622
R648
R636
R626
R656
R627
IC506
ERROR DET (Vsus)
R628
Vsus
P12 TO SS12
Vda
Vda
+15V
STB12V
STB_PS
P23 TO SC23
+15V
+15V
P5 TO PA5
+15Vc
+15Vc
+15Vc
+15Vs(S)
+15Vs(W)
+15Vs(W)
P11 TO SS11
Vsus
GND
P2 TO SC2
Vsus
GND
R413
Q434
R435
R427
R407
L410
D404
RECTIFIER
D435
D430
IC410
PHOTO COUPLER
RL402
RL403
R410
MAIN ON
Q501
Q502
RUSH ON
T410
D511
12V
D563
STB5V
D509
D441
5V
IC409 (IPD)
DC POWER CONTROL
Source
Source
Drain
Vdd
FB
Vcs
D596
D416
STANDBY POWER SAVE
IC504
ERROR DET
IC408
PHOTO COUPLER
STB_PS(12V)
IC405
PHOTO COUPLER
ECO
IC412
PHOTO COUPLER
D505
IC502
RESET
Q535
STB5V DET
ON:L
X501 4MHz
VDD
VSS
XIN
XOUT
RESET
STB PS
PFC DET
STB 5 ON/OFF
LOW 15
MAIN RELAY
RUSH RELAY
AC GOOD
F STB ON
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
F_STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS ON/OFF
ALL OFF
IC501
POWER MCU
BUFF
Q569
Q521
Q563
Q537
STB5V ON/OFF
SW
Q512
INV.
Q561
ECO ON/OFF
Q551
VSUS ON/OFF
Q559
VSUS DET
Q525,Q530
Q524
INV.
Q558
ECO ON
Q557
POWER SOS LED BLINKING : 4TIMES
12V ON/OFF
Q554
D521
PR509
Q553
D512
D513
H:ON
IC510
SWITCHING REGULATOR
OUT Vcc
PR805
D535
Q555
DC/DC CONV. (15V)
Q556
DC/DC CONV. (F STB 14V)
D D D D
G S S S
P25 TO D25
+15Vc
+15Vc
+5Vc
+5Vc
STBY5V
F_STBY_ON
ECO_ON
PANEL_MAIN_ON
PS_SOS
ALL_OFF
AC_GOOD
P10 TO PA10
F STB 14V
F STB 14V
F STB 14V

TH-37PV60E, TH-37PX60B
P-Board Block Diagram

TH-37PV60E, TH-37PX60B
P-Board Block Diagram

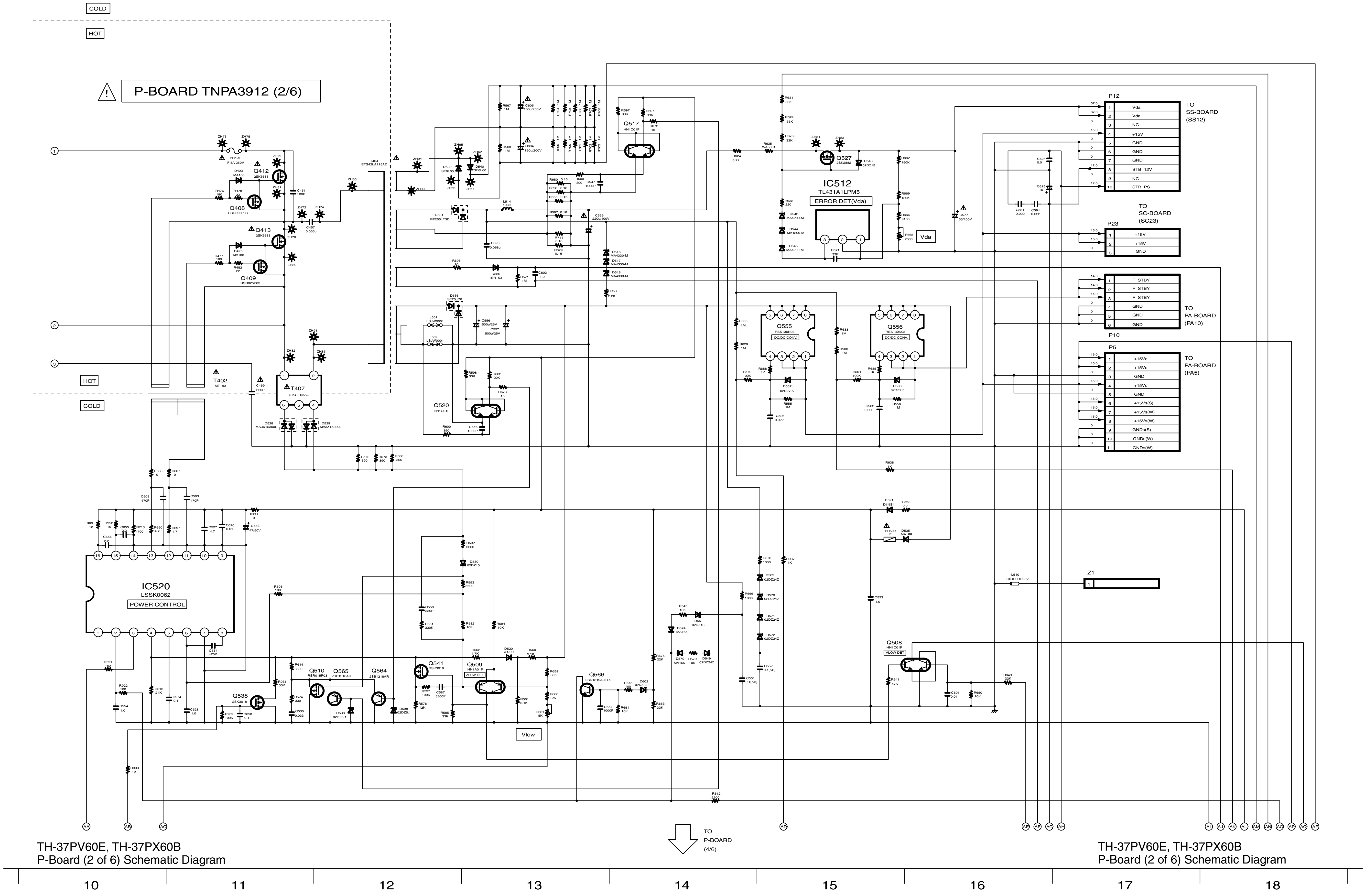
14.5. P-Board (1 of 6) Schematic Diagram (37inch)


P-BOARD TNPA3912 (1/6)
COLD
HOT
TO AC CORD
P9
LIVE
NC
NEUTRAL
F401 T6AH 250V CAUTION
F402 T6AH 250V CAUTION
ZN402 D4EAD7510001
RL403 DG12D1-O(M)-2
RL402 DG12D1-O(M)-2
D503 MA165
D504 MA165
R410 10/5W
L404 TF3524V-123YSR0
L405 TF3524V-123YSR0
R409 390K
C470 1.0uF
C404 1.0uF
D401 D20XB80
R417 430K
C409 2.2uF
ZN401 ERZVGED621
ZN404 ERZVGAD681
S402 RA-362MS-V7-Y
S401 RA-362MS-V7-Y
Z2
L513 EXCELDR25V
C476 100P
C473 100P
C478 100P
C474 100P
T401
4H-5033
Q406 RJK5020DPK01
Q404 2SB1443
D415 D1NS4
R406 ERX1ZSJ2R2V
R426 10K
R428 10K
R439 12
R493 12
C461 330p
C443 1000p
D417 S3K60
D419 S3K60
D420 S3K60
C444 1000p
C460 330p
C446 200uF/450V
C447 200uF/450V
TP1
TP2
TP3
TP4
R448 0.08
R449 0.08
R498 damy
R414 15K
R436 15K
L403 EXCELSA35T
R424 22K
C431 1000P
Q401 SSM3J14T
R421 33K
R492 0
D433 02DZ15
R471 3.3K
C462 1.0
D431 RB520
C463 33P
R437 18K
IC406
L6561
POWER FACTOR CORRECTOR
MOS DRIVE
CURR DET
CURR COMP
Vcc
GND
R401 10K
Q402 RTR040N03
R402 820
D407 MA111
R403 1M
C450 0.01(KB)
R453 3M
C421 1.0
C410 0.01
IC402
TL431A1LPM5
ERROR DET
R467 1000
Q420 2SD1819A
C423 4700P
C427 1.0
R431 10K
R438 330
R430 430K
R462 430K
R433 12K
C426 470P
R463 33K
C428 220P
Q422 2SD1819A
C468 0.01
R491 47K
R490 47K
C429 0.047
R440 470K
R419 100K
D429 ERA15-10
R441 680K
R442 680K
R475 680K
R455 12K
R444 12K
R443 2K
TP7
PFC
TP5
TP6
R456 33K
R452 10K
C436 1.0
Q407 HN1B01F
C432 1.0
R454 10K
R415 10K
R450 1000
D418 02DZ8.2
R408 4700
R451 33K
C445 1.0
C440 10
R454 33K
C422 0.01
TP8
R472 560K
R473 560K
R465 560K
R494 560K
R495 560K
R496 560K
R693 10K
Q421 2SD1819A
PFC DET
R497 12K
R480 47K
Q418 2SD1819A
C635 0.01
R692 4700
A B C D E F G H I J K
1 2 3
TO P-BOARD (3/6)
1 2 3 4 5 6 7 8 9

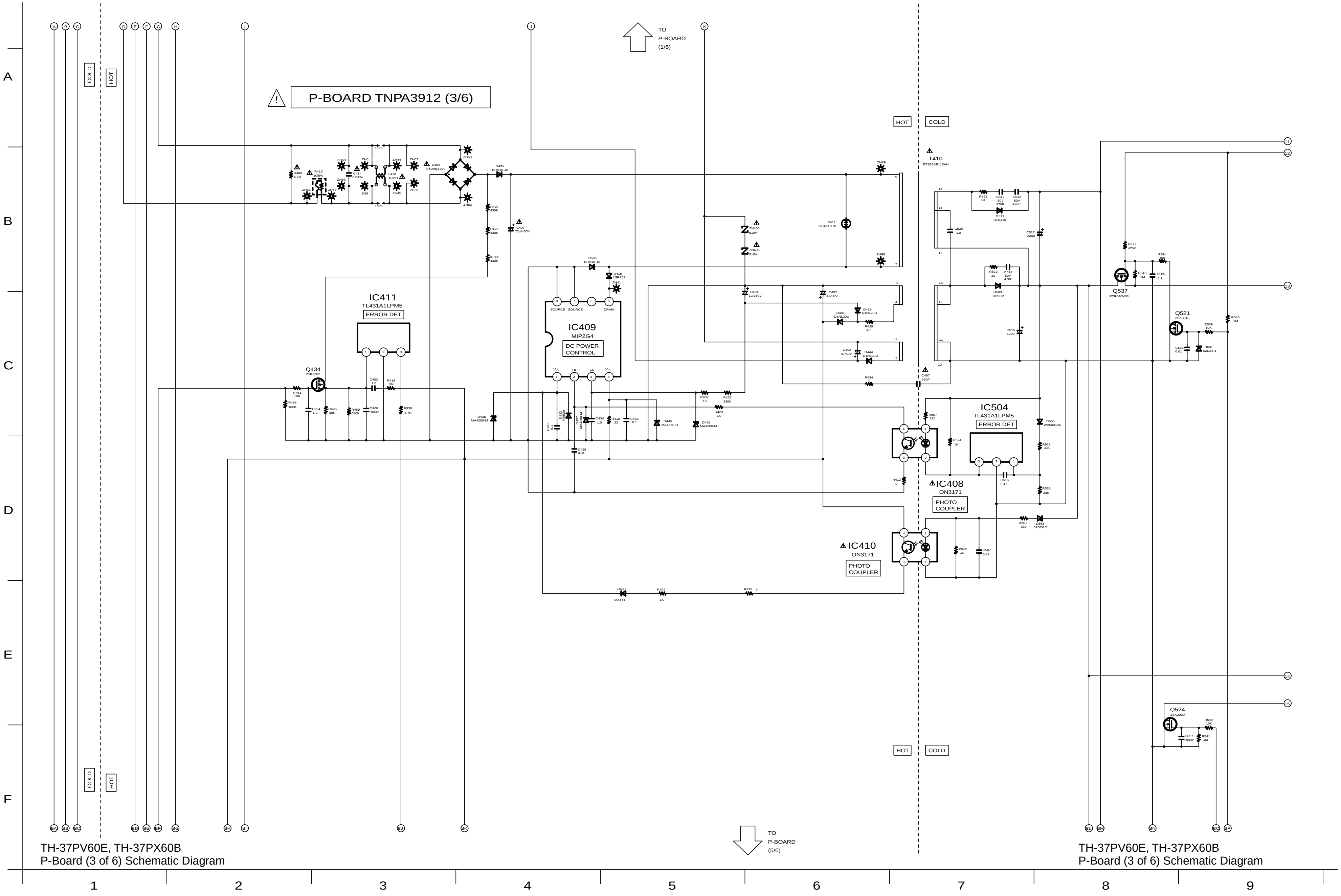
TH-37PV60E, TH-37PX60B
P-Board (1 of 6) Schematic Diagram

TH-37PV60E, TH-37PX60B
P-Board (1 of 6) Schematic Diagram

14.6. P-Board (2 of 6) Schematic Diagram (37inch)


COLD
HOT
P-BOARD TNPA3912 (2/6)
PR401
F 5A 250V
Q412
2SK3683
Q408
RSR025P03
Q413
2SK3683
Q409
RSR025P03
D423
MA188
D425
MA188
T404
ETS42LA115AD
T402
MT180
T407
ETQ11K5AZ
C469
220P
D528
MA3X15300L
D529
MA3X15300L
D531
RF2001T3D
D536
SF25JC6
L514
10uH
C605
150u/200V
C604
150u/200V
C555
220u/100V
C556
1500u/25V
C557
1500u/25V
J501
LSJW0001
J502
LSJW0001
Q517
HN1C01F
Q520
HN1C01F
Q527
2SK2882
D543
02DZ15
IC512
TL431A1LPM5
ERROR DET(Vda)
Vda
C577
33/100V
Q555
RSS130N03
DC/DC CONV
Q556
RSS130N03
DC/DC CONV
D507
02DZ7.5
D508
02DZ7.5
P12
Vda
Vda
NC
+15V
GND
GND
GND
STB_12V
NC
STB_PS
TO
SS-BOARD
(SS12)
TO
SC-BOARD
(SC23)
P23
+15V
+15V
GND
F_STBY
F_STBY
F_STBY
GND
GND
GND
TO
PA-BOARD
(PA10)
P10
P5
+15Vc
+15Vc
GND
+15Vc
GND
+15Vs(S)
+15Vs(W)
+15Vs(W)
GNDs(S)
GNDs(W)
GNDs(W)
TO
PA-BOARD
(PA5)
D521
D1NS4
PR509
F
D535
MA188
L510
EXCELDR25V
Z1
IC520
LSSK0062
POWER CONTROL
Q538
2SK3018
Q510
RSR015P03
Q565
2SB1218AR
Q564
2SB1218AR
Q541
2SK3018
Q509
HN1A01F
VLOW DET
D520
MA111
Vlow
Q566
2SD1819A-RTX
D602
02DZ8.2
D574
MA165
D551
02DZ13
D579
MA165
D549
02DZ24Z
D569
02DZ24Z
D570
02DZ24Z
D571
02DZ24Z
D572
02DZ24Z
Q508
HN1C01F
VLOW DET
D530
02DZ10
D538
02DZ5.1
D598
02DZ5.1
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
TO
P-BOARD
(4/6)
TH-37PV60E, TH-37PX60B
P-Board (2 of 6) Schematic Diagram
TH-37PV60E, TH-37PX60B
P-Board (2 of 6) Schematic Diagram
10
11
12
13
14
15
16
17
18

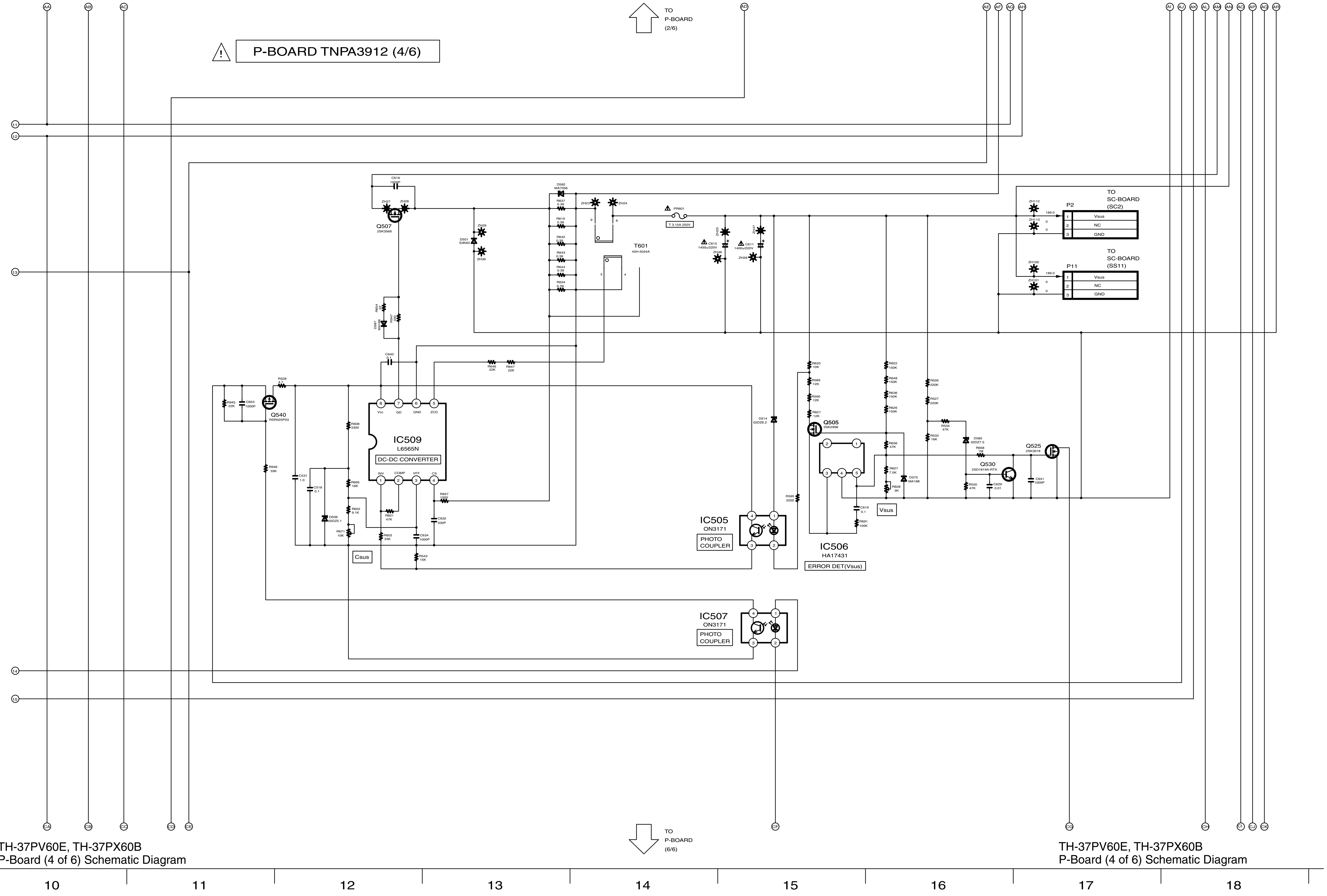
14.7. P-Board (3 of 6) Schematic Diagram (37inch)


P-BOARD TNPA3912 (3/6)
TO P-BOARD (1/6)
TO P-BOARD (5/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
COLD
HOT
A
B
C
D
E
F
G
H
I
J
K
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
BN
BO
BP
11
12
13
14
15
R483 4.7M
R413 10/5W
ZH60
ZH59
ZH61
ZH63
C414 0.047u
ZH6
ZH5
L410 40mH
1mm
ZH44
ZH45
ZH67
ZH68
D404 S1WB(A)80
ZH53
ZH52
D435 ERA15-10
R407 430K
R427 430K
R435 430K
C407 22u/450V
D596 ERA15-10
D416 1SR153
ZH41
IC411
TL431A1LPM5
ERROR DET
IC409
MIP2G4
DC POWER CONTROL
SOURCE
SOURCE
DRAIN
Vdd
FB
CL
Vcc
Q434
2SK3302
R461 10K
R488 100K
C654 1.0
R425 39K
R459 680K
C408 1000P
C402 1.0
R416 3M
R938 4.7K
D438 MA4200-M
C413 0.1
D432 RB520
D437 MA4200-M
C434 1.0
R418 22
C433 0.1
C425 0.01
D445 MA4360-H
D436 MA4200-M
R432 1K
R422 330K
R423 1K
D430 MA111
R404 1K
R420 0
ZN405 510V
ZN406 510V
C494 1u/250V
D411 ST02D-170
ZH89
ZH88
C497 47/50V
D441 D1NL20U
D412 D1NL20U
R429 4.7
C493 47/50V
D444 D1NL20U
R434 0
C467 220P
T410
ETS25AF115AH
R521 10
C512 50V 470P
C513 50V 470P
D511 D1NJ10
C529 1.0
C517 220u
R522 10
C514 50V 470P
D509 D2S6M
C515 1200
R677 470K
R594 150
R943 1M
C585 0.1
Q537
RTR040N03
Q521
2SK3018
R539 10K
R540 1M
C630 0.01
D601 02DZ5.1
IC504
TL431A1LPM5
ERROR DET
R507 220
R524 1K
D595 WA5001=5
R921 33K
C516 0.47
R530 33K
R412 0
IC408
ON3171
PHOTO COUPLER
R544 330
D563 02DZ6.2
IC410
ON3171
PHOTO COUPLER
R542 1K
C507 0.01
Q524
2SK2090
R549 10K
C627 1000P
R541 1M

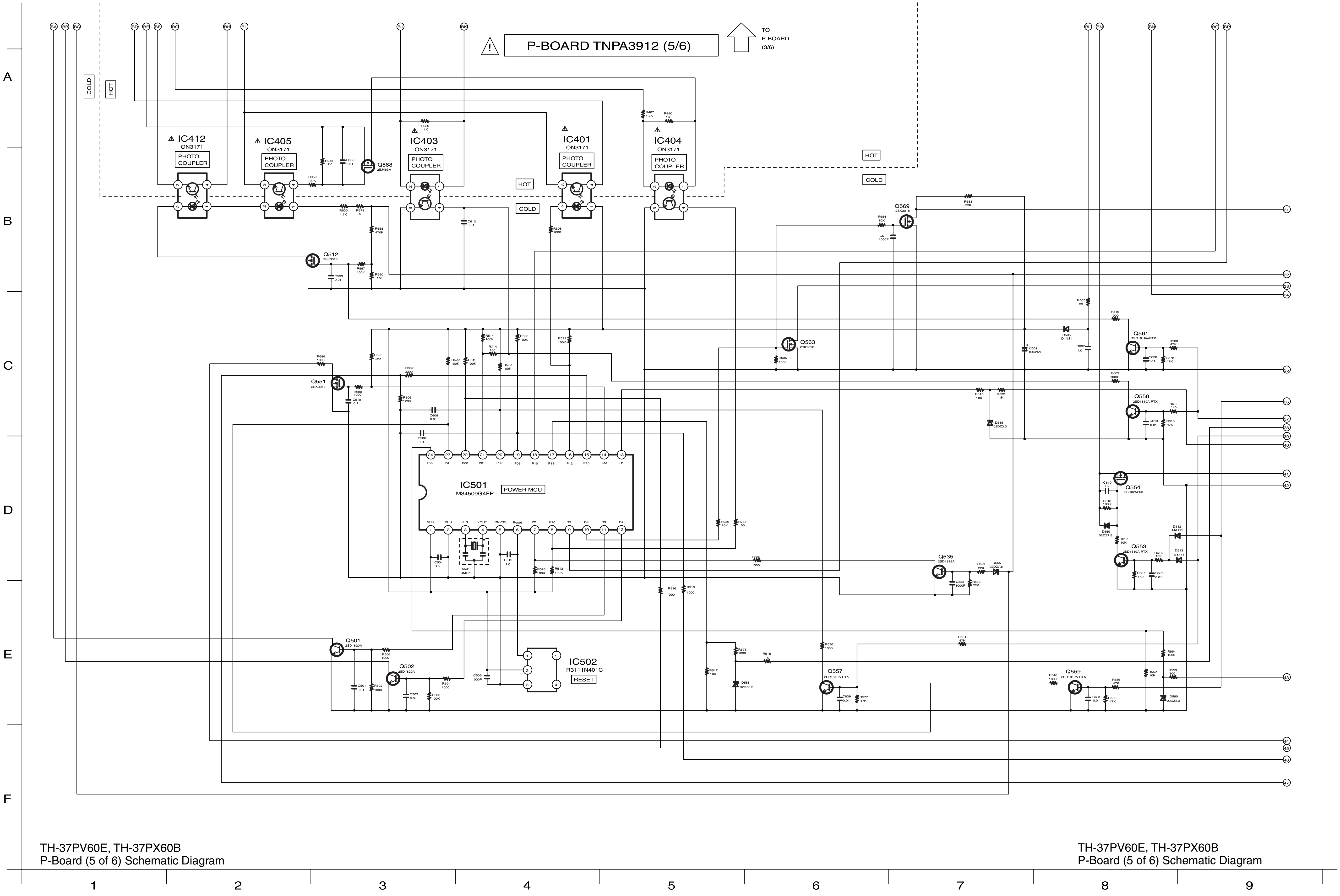
TH-37PV60E, TH-37PX60B
P-Board (3 of 6) Schematic Diagram

TH-37PV60E, TH-37PX60B
P-Board (3 of 6) Schematic Diagram

14.8. P-Board (4 of 6) Schematic Diagram (37inch)


P-BOARD TNPA3912 (4/6)
TO
P-BOARD
(2/6)
TO
SC-BOARD
(SC2)
P2
Vsus
NC
GND
TO
SC-BOARD
(SS11)
P11
Vsus
NC
GND
Q507
2SK3568
T601
PR601
T 3.15A 250V
Q540
IC509
L6565N
DC-DC CONVERTER
Vcc
GD
GND
ZCD
INV
COMP
VFF
CS
Csus
IC505
ON3171
PHOTO
COUPLER
IC506
HA17431
ERROR DET(Vsus)
Vsus
Q505
Q525
Q530
IC507
ON3171
PHOTO
COUPLER
TO
P-BOARD
(6/6)
TH-37PV60E, TH-37PX60B
P-Board (4 of 6) Schematic Diagram
TH-37PV60E, TH-37PX60B
P-Board (4 of 6) Schematic Diagram
10
11
12
13
14
15
16
17
18

14.9. P-Board (5 of 6) Schematic Diagram (37inch)

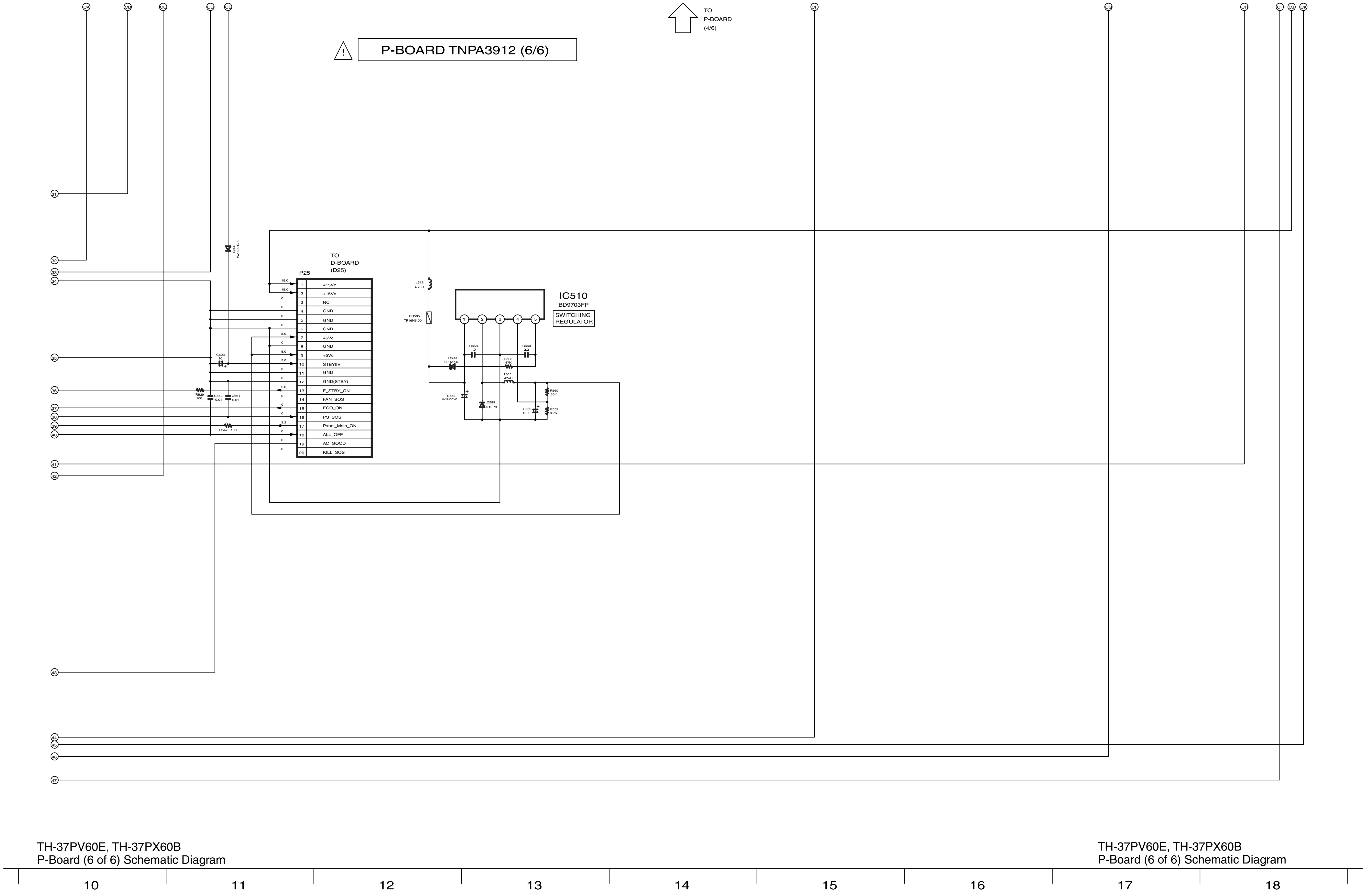

P-BOARD TNPA3912 (5/6)
TO P-BOARD (3/6)
COLD
HOT
A
B
C
D
E
F
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
BN
BO
BP
IC412
ON3171
PHOTO COUPLER
IC405
ON3171
PHOTO COUPLER
IC403
ON3171
PHOTO COUPLER
IC401
ON3171
PHOTO COUPLER
IC404
ON3171
PHOTO COUPLER
Q568
2SJ463A
Q512
2SK3018
Q569
2SK3018
Q563
2SK2090
Q551
2SK3018
Q561
2SD1819A-RTX
Q558
2SD1819A-RTX
Q554
RSR025P03
Q553
2SD1819A-RTX
Q535
2SD1819A
Q501
2SD1820A
Q502
2SD1820A
Q557
2SD1819A-RTX
Q559
2SD1819A-RTX
IC501
M34509G4FP
POWER MCU
VDD
VSS
XIN
XOUT
CNVSS
Reset
P21
P20
D5
D4
D3
D2
P30
P31
P00
P01
P02
P03
P10
P11
P12
P13
D0
D1
X501
4MHz
IC502
R3111N401C
RESET
R955 47K
C659 0.01
R956 100K
R939 1K
R487 4.7K
R940 1K
R630 4.7K
R678 0
R558 470K
R557 100K
R950 1M
C533 0.01
C612 0.01
R508 1000
R606 1200
C608 0.01
C506 0.01
C504 1.0
C519 1.0
R520 100K
R513 100K
R516 1000
R515 1000
R505 33
R546 1000
D505 D1NS4
C509 100/25V
C607 1.0
C638 0.01
R578 47K
R580 47K
R609 1000
R615 10K
R532 1K
D515 02DZ3.3
C613 0.01
R610 47K
R611 47K
C610 1.0
R618 100K
D559 02DZ7.5
R617 10K
D512 MA111
D513 MA111
R616 10K
R687 10K
C626 0.01
R501 22K
D555 02DZ7.5
C583 1000P
R512 22K
R581 47K
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47

TH-37PV60E, TH-37PX60B
P-Board (5 of 6) Schematic Diagram

TH-37PV60E, TH-37PX60B
P-Board (5 of 6) Schematic Diagram

1 2 3 4 5 6 7 8 9

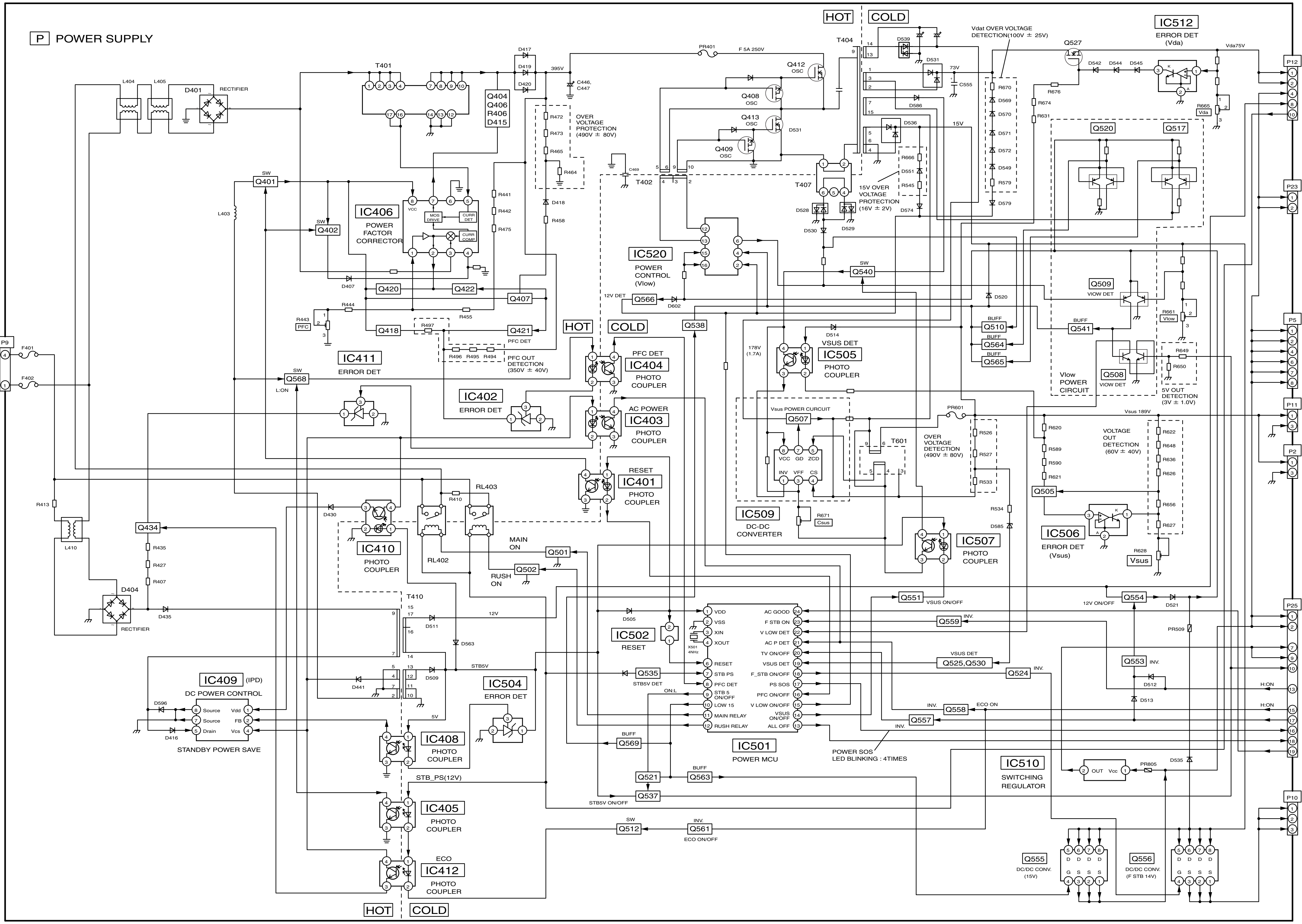
14.10. P-Board (6 of 6) Schematic Diagram (37inch)


CA
CB
CC
CD
CE
CF
CG
CH
CI
CJ
CK
TO
P-BOARD
(4/6)
!
P-BOARD TNPA3912 (6/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
D502
WA5001=5
TO
D-BOARD
(D25)
P25
15.0
15.0
0
0
0
0
5.0
0
5.0
5.0
0
0
2.6
0
0
0
3.2
0
0
0
1 +15Vc
2 +15Vc
3 NC
4 GND
5 GND
6 GND
7 +5Vc
8 GND
9 +5Vc
10 STBY5V
11 GND
12 GND(STBY)
13 F_STBY_ON
14 FAN_SOS
15 ECO_ON
16 PS_SOS
17 Panel_Main_ON
18 ALL_OFF
19 AC_GOOD
20 KILL_SOS
C623
10
R529
100
C662
0.01
C661
0.01
R547 100
L512
4.7uH
PR505
TF16N5.00
IC510
BD9703FP
SWITCHING
REGULATOR
1
2
3
4
5
C658
1.0
C660
2.2
D600
02DZ7.5
R523
47K
L511
47uH
C558
470u/25V
D599
D1FP3
R569
33K
C559
1200
R559
8.2K
10
11
12
13
14
15
16
17
18

TH-37PV60E, TH-37PX60B
P-Board (6 of 6) Schematic Diagram

TH-37PV60E, TH-37PX60B
P-Board (6 of 6) Schematic Diagram

14.11. P-Board Block Diagram (42inch)

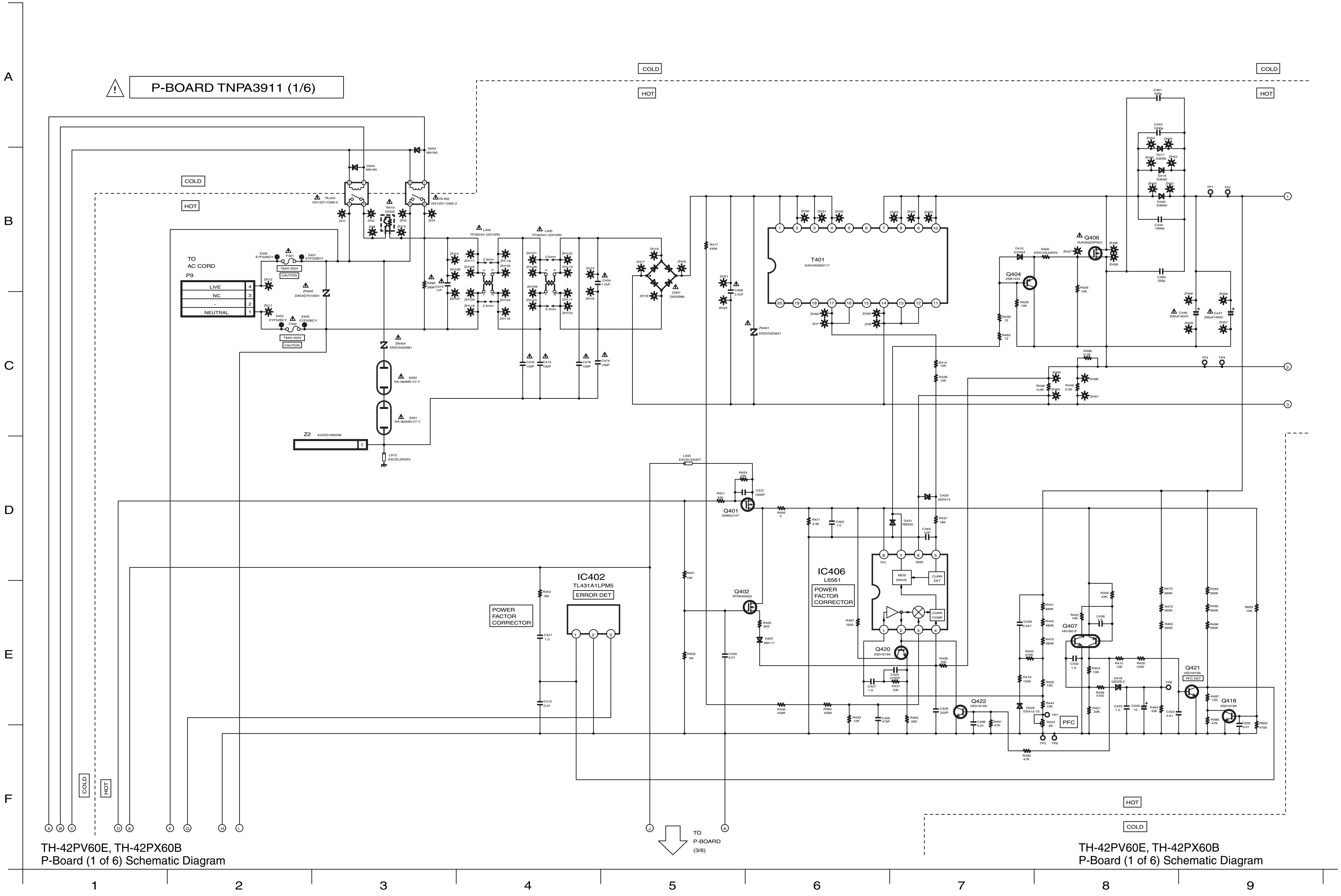

P POWER SUPPLY
HOT
COLD
TO AC CORD
P9
LIVE
NEUTRAL
F401
F402
L404
L405
D401
RECTIFIER
T401
D417
D419
D420
395V
C446, C447
Q404 Q406 R406 D415
R472
R473
R465
R464
OVER VOLTAGE PROTECTION (490V ± 80V)
D418
R458
R441
R442
R475
SW
Q401
L403
Q402
IC406
POWER FACTOR CORRECTOR
VCC
MOS DRIVE
CURR DET
CURR COMP
D407
Q420
Q422
Q407
R444
R443
PFC
R455
Q418
R497
Q421
PFC DET
R496
R495
R494
PFC OUT DETECTION (350V ± 40V)
IC411
ERROR DET
Q568
L:ON
IC402
ERROR DET
IC404
PFC DET
PHOTO COUPLER
IC403
AC POWER
PHOTO COUPLER
IC401
RESET
PHOTO COUPLER
R413
L410
Q434
R435
R427
R407
D404
RECTIFIER
D435
D430
IC410
PHOTO COUPLER
R410
RL403
RL402
MAIN ON
Q501
Q502
RUSH ON
T410
D511
12V
D563
D509
STB5V
D441
5V
IC409 (IPD)
DC POWER CONTROL
D596
D416
Source
Drain
Vdd
FB
Vcs
STANDBY POWER SAVE
IC504
ERROR DET
IC408
PHOTO COUPLER
STB_PS(12V)
IC405
PHOTO COUPLER
ECO
IC412
PHOTO COUPLER
C469
T402
PR401
F 5A 250V
Q412
OSC
Q408
OSC
Q413
OSC
Q409
OSC
D531
T404
D539
73V
C555
D586
D536
15V
T407
D528
D530
D529
15V OVER VOLTAGE PROTECTION (16V ± 2V)
D574
R666
D551
R545
IC520
POWER CONTROL (Vlow)
12V DET
Q566
D602
Q538
SW
Q540
Q510
Q564
Q565
BUFF
D520
D514
IC505
VSUS DET
PHOTO COUPLER
178V (1.7A)
Vsus POWER CURCUIT
Q507
VCC GD ZCD
INV VFF CS
IC509
DC-DC CONVERTER
R671
Csus
T601
PR601
OVER VOLTAGE DETECTION (490V ± 80V)
R526
R527
R533
R534
D585
IC507
PHOTO COUPLER
Vdat OVER VOLTAGE DETECTION(100V ± 25V)
R670
D569
D570
D571
D572
D549
R579
D579
Q527
D542
D544
D545
R676
R674
R631
IC512
ERROR DET (Vda)
Vda75V
R665
Vda
Q520
Q517
Q509
VIOW DET
R661
Vlow
Q541
Q508
VIOW DET
Vlow POWER CIRCUIT
R649
R650
5V OUT DETECTION (3V ± 1.0V)
Vsus 189V
R620
R589
R590
R621
Q505
VOLTAGE OUT DETECTION (60V ± 40V)
R622
R648
R636
R626
R656
R627
IC506
ERROR DET (Vsus)
R628
Vsus
Q551
VSUS ON/OFF
12V ON/OFF
Q554
D521
Q559
INV.
PR509
Q525,Q530
VSUS DET
Q524
Q553
D512
D513
Q558
ECO ON
Q557
POWER SOS LED BLINKING : 4TIMES
IC510
SWITCHING REGULATOR
OUT Vcc
PR805
D535
D505
IC502
RESET
X501 4MHz
Q535
STB5V DET
ON:L
IC501
POWER MCU
VDD
VSS
XIN
XOUT
RESET
STB PS
PFC DET
STB 5 ON/OFF
LOW 15
MAIN RELAY
RUSH RELAY
AC GOOD
F STB ON
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
F_STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS ON/OFF
ALL OFF
BUFF
Q569
Q521
Q563
Q537
STB5V ON/OFF
SW
Q512
Q561
ECO ON/OFF
Q555
DC/DC CONV. (15V)
Q556
DC/DC CONV. (F STB 14V)
D D D D
G S S S
P12
TO SS12
Vda
+15V
STB12V
STB_PS
P23
TO SC23
+15V
P5
TO PA5
+15Vc
+15Vs(S)
+15Vs(W)
P11
TO SS11
Vsus
GND
P2
TO SC2
P25
TO D25
+5Vc
STBY5V
H:ON
F_STBY_ON
ECO_ON
PANEL_MAIN_ON
PS_SOS
ALL_OFF
AC_GOOD
P10
TO PA10
F STB 14V

TH-42PV60E, TH-42PX60B
P-Board Block Diagram

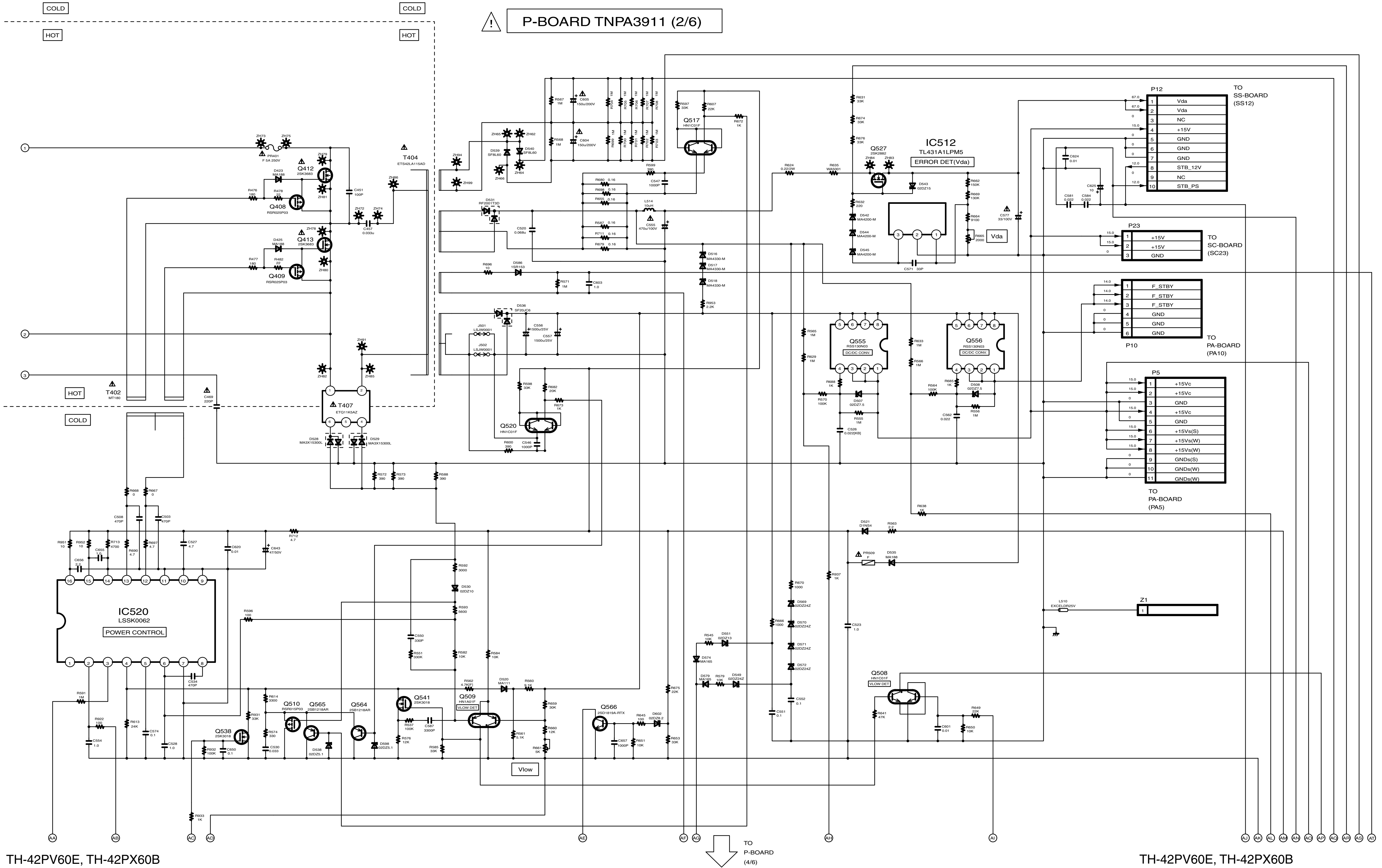
TH-42PV60E, TH-42PX60B
P-Board Block Diagram

]

14.12. P-Board (1 of 6) Schematic Diagram (42inch)


A
B
C
D
E
F
P-BOARD TNPA3911 (1/6)
COLD
HOT
TO
AC CORD
P9
LIVE
NC
-
NEUTRAL
4
3
2
1
Z450
EYF52BCY
F401
Z451
EYF52BCY
T8AH 250V
CAUTION
ZH12
ZN402
D4EAD7510001
ZH11
Z452
EYF52BCY
Z453
EYF52BCY
F400
T8AH 250V
CAUTION
D503
MA165
D504
MA165
RL403
DG12D1-O(M)-2
RL402
DG12D1-O(M)-2
R410
10/5W
ZH1
ZH2
ZH3
ZH4
L404
TF3524V-123Y5R0
L405
TF3524V-123Y5R0
R499
390K
C470
1uF
C404
1.0uF
ZH15
ZH16
ZH17
ZH18
ZH19
ZH20
D401
D20XB80
ZN404
ERZVGAD681
S402
RA-362MS-V7-Y
S401
RA-362MS-V7-Y
Z2
K4ZZ01000206
L513
EXCELDR25V
C476
100P
C473
100P
C478
100P
C474
100P
R417
430K
ZH21
ZH22
C409
2.2uF
ZN401
ERZVGED621
T401
G4D4A0000117
ZH30
ZH31
ZH32
ZH33
ZH34
ZH35
ZH56
ZH7
ZH50
ZH8
Q404
2SB1443
Q406
RJK5020DPK01
D415
D1NS4
R406
ERX12SJ2R2V
ZH37
ZH36
ZH38
R426
10K
R428
10K
R439
12
R493
12
C461
330p
C443
1000p
ZH54
ZH55
D417
S3K60
ZH40
ZH42
D419
S3K60
ZH43
ZH41
D420
S3K60
C444
1000p
C460
330p
ZH48
ZH58
C446
200uF/450V
C447
200uF/450V
ZH49
ZH57
TP1
TP2
TP3
TP4
R498
0.08
R448
0.08
R449
0.08
ZH92
ZH95
ZH96
ZH97
R414
15K
R436
15K
L403
EXCELSA35T
R424
22K
R421
C431
1000P
Q401
SSM3J14T
R432
0
R471
3.3K
C462
1.0
D433
02DZ15
D431
RB520
R437
18K
C463
22P
IC406
L6561
POWER
FACTOR
CORRECTOR
Vcc
GND
MOS
DRIVE
CURR
DET
CURR
COMP
R467
1000
Q402
RTR040N03
R402
820
D407
MA111
R401
10K
R403
1M
C450
0.01
IC402
TL431A1LPM5
ERROR DET
POWER
FACTOR
CORRECTOR
R453
3M
C421
1.0
C410
0.01
Q420
2SD1819A
C423
470P
C427
1.0
R431
10K
R438
330
R430
430K
R462
430K
R433
12K
C426
470P
R463
33K
C428
220P
Q422
2SD1819A
C468
0.01
R491
47K
C429
0.047
R441
680K
R442
680K
R475
680K
R440
470K
R419
100K
D429
ERA15-10
R455
12K
R444
12K
R443
2K
TP7
TP5
TP6
PFC
R490
47K
Q407
HN1B01F
R452
10K
R456
33K
C436
C432
1.0
R454
10K
R415
10K
R450
1000
D418
02DZ8.2
R458
4700
R451
33K
C445
1.0
C440
10
R464
33K
C422
0.01
TP8
Q421
2SD1819A
PFC DET
R472
560K
R473
560K
R465
560K
R494
560K
R495
560K
R496
560K
R497
12K
Q418
2SD1819A
R480
47K
C635
0.01
R693
10K
R692
4700
TO
P-BOARD
(3/6)
TH-42PV60E, TH-42PX60B
P-Board (1 of 6) Schematic Diagram
TH-42PV60E, TH-42PX60B
P-Board (1 of 6) Schematic Diagram
1
2
3
4
5
6
7
8
9

14.13. P-Board (2 of 6) Schematic Diagram (42inch)

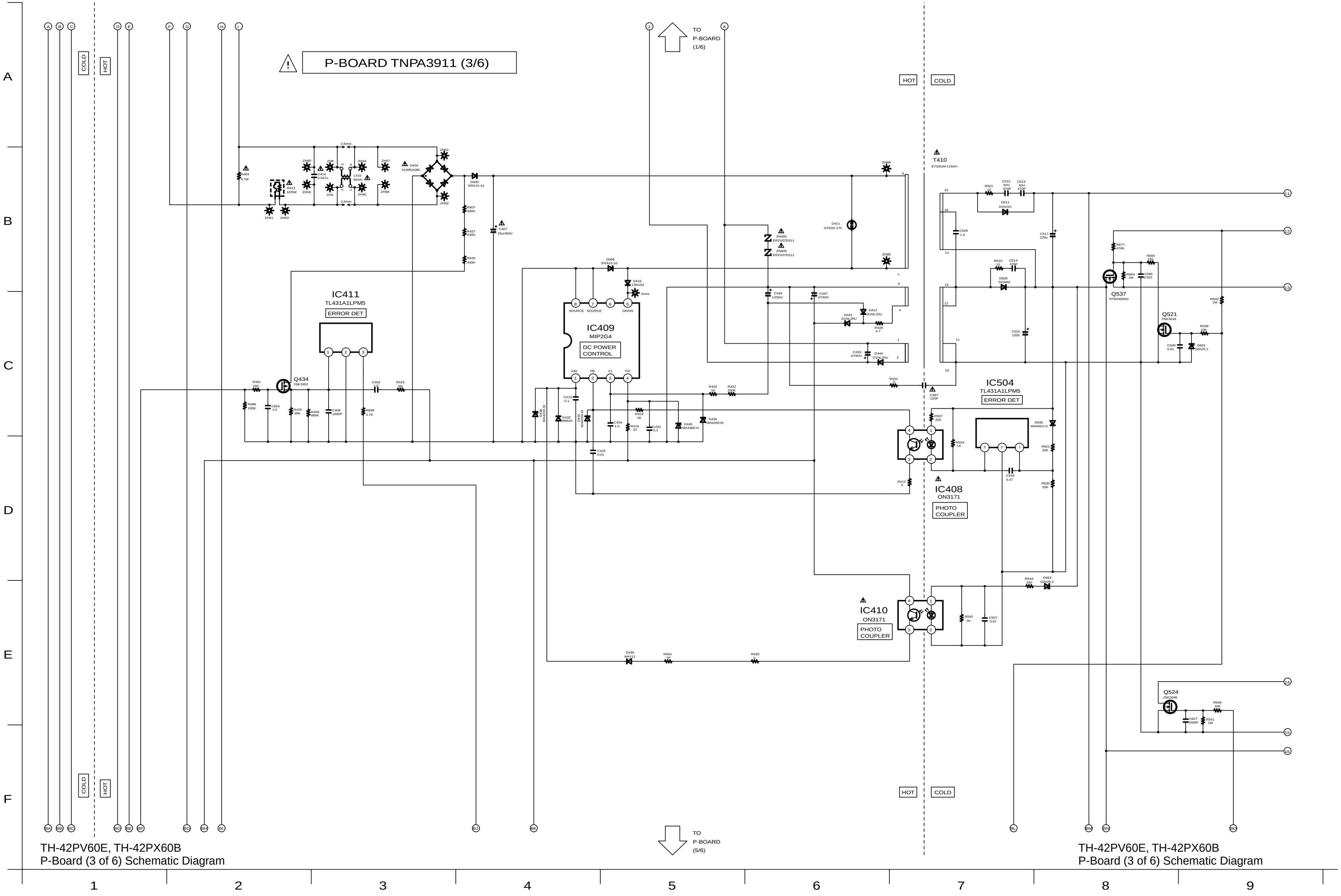

COLD
HOT
COLD
HOT
P-BOARD TNPA3911 (2/6)
T404
ETS42LA115AD
Q412
2SK3683
Q408
RSR025P03
Q413
2SK3683
Q409
RSR025P03
T402
MT180
HOT
COLD
T407
ETG11K5AZ
Q517
HN1C01F
IC512
TL431A1LPM5
ERROR DET(Vda)
Q527
2SK2882
Vda
P12
TO
SS-BOARD
(SS12)
Vda
Vda
NC
+15V
GND
GND
GND
STB_12V
NC
STB_PS
P23
+15V
+15V
GND
TO
SC-BOARD
(SC23)
F_STBY
F_STBY
F_STBY
GND
GND
GND
P10
TO
PA-BOARD
(PA10)
Q555
RSS130N03
DC/DC CONV
Q556
RSS130N03
DC/DC CONV
P5
+15Vc
+15Vc
GND
+15Vc
GND
+15Vs(S)
+15Vs(W)
+15Vs(W)
GNDs(S)
GNDs(W)
GNDs(W)
TO
PA-BOARD
(PA5)
Q520
HN1C01F
IC520
LSSK0062
POWER CONTROL
Q538
2SK3018
Q510
RSR015P03
Q565
2SB1218AR
Q564
2SB1218AR
Q541
2SK3018
Q509
HN1A01F
VLOW DET
Vlow
Q566
2SD1819A-RTX
Q508
HN1C01F
VLOW DET
Z1
L510
EXCELDR25V
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
AS
AT
TO
P-BOARD
(4/6)

TH-42PV60E, TH-42PX60B
P-Board (2 of 6) Schematic Diagram

TH-42PV60E, TH-42PX60B
P-Board (2 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

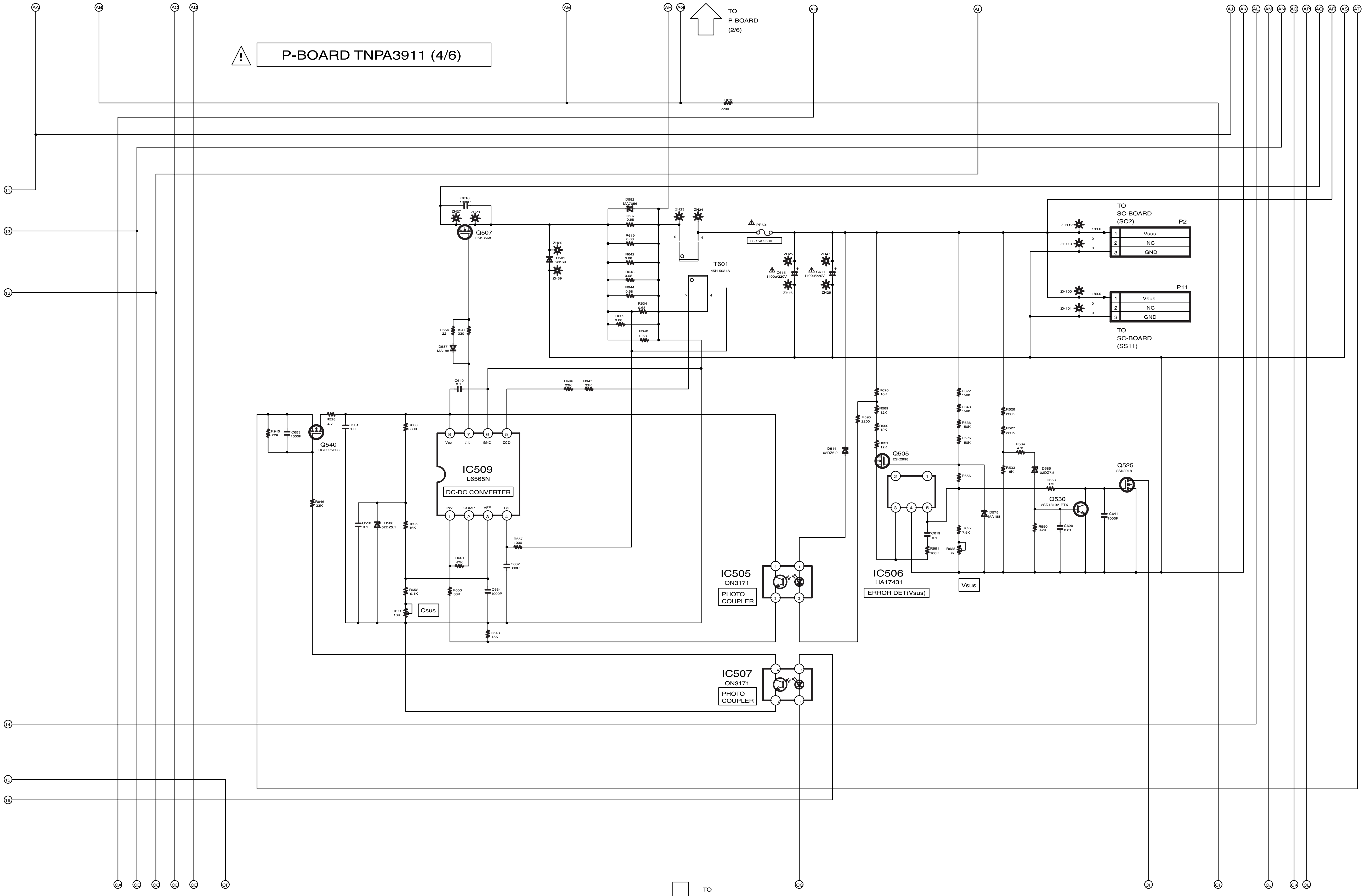
14.14. P-Board (3 of 6) Schematic Diagram (42inch)


P-BOARD TNPA3911 (3/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
COLD
HOT
TO
P-BOARD
(1/6)
TO
P-BOARD
(5/6)
R483
4.7M
R413
10/5W
ZH61
ZH63
ZH60
ZH59
C414
0.047u
ZH6
ZH5
2.5mm
L410
40mH
ZH44
ZH45
ZH67
ZH68
D404
S1WB(A)80
ZH53
ZH52
D435
ERA15-10
R407
430K
R427
430K
R435
430K
C407
22u/450V
IC411
TL431A1LPM5
ERROR DET
Q434
2SK3302
R461
10K
R488
100K
C654
1.0
R425
39K
R459
680K
C408
1000P
R938
4.7K
C402
1.0
R416
3M
D596
ERA15-10
D416
1SR153
ZH41
SOURCE
SOURCE
DRAIN
IC409
MIP2G4
DC POWER
CONTROL
Vdd
FB
CL
Vcc
C413
0.1
D438
MA4200-M
D432
RB520
D437
MA4200-M
C434
1.0
R418
22
R423
1K
C433
0.1
C425
0.01
D445
MA4360-H
D436
MA4200-M
R432
1K
R422
330K
ZN405
ERZV07D511
ZN406
ERZV07D511
D411
ST02D-170
ZH89
ZH88
C494
1/250V
C497
47/50V
D412
D1NL20U
D441
D1NL20U
R429
4.7
C493
47/50V
D444
D1NL20U
R434
0
C467
220P
T410
ETS25AF115AH
R521
10
C512
50V
470P
C513
50V
470P
D511
D1NJ10
C529
1.0
C517
220u
R522
10
C514
470P
D509
D2S6M
C515
1200
IC504
TL431A1LPM5
ERROR DET
R507
220
R524
1K
D595
WA5001=5
R921
33K
C516
0.47
R530
33K
R412
0
IC408
ON3171
PHOTO
COUPLER
R544
330
D563
02DZ6.2
IC410
ON3171
PHOTO
COUPLER
R542
1K
C507
0.01
D430
MA111
R404
1K
R420
0
R677
470K
R594
150
R943
1M
C585
0.022
Q537
RTR040N03
R540
1M
Q521
2SK3018
R539
10K
C630
0.01
D601
02DZ5.1
Q524
2SK2090
C627
1000P
R541
1M
R549
10K
11
12
13
14
15
16
A
B
C
D
E
F
G
H
I
J
K
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
BN
BO

TH-42PV60E, TH-42PX60B
P-Board (3 of 6) Schematic Diagram

TH-42PV60E, TH-42PX60B
P-Board (3 of 6) Schematic Diagram

14.15. P-Board (4 of 6) Schematic Diagram (42inch)

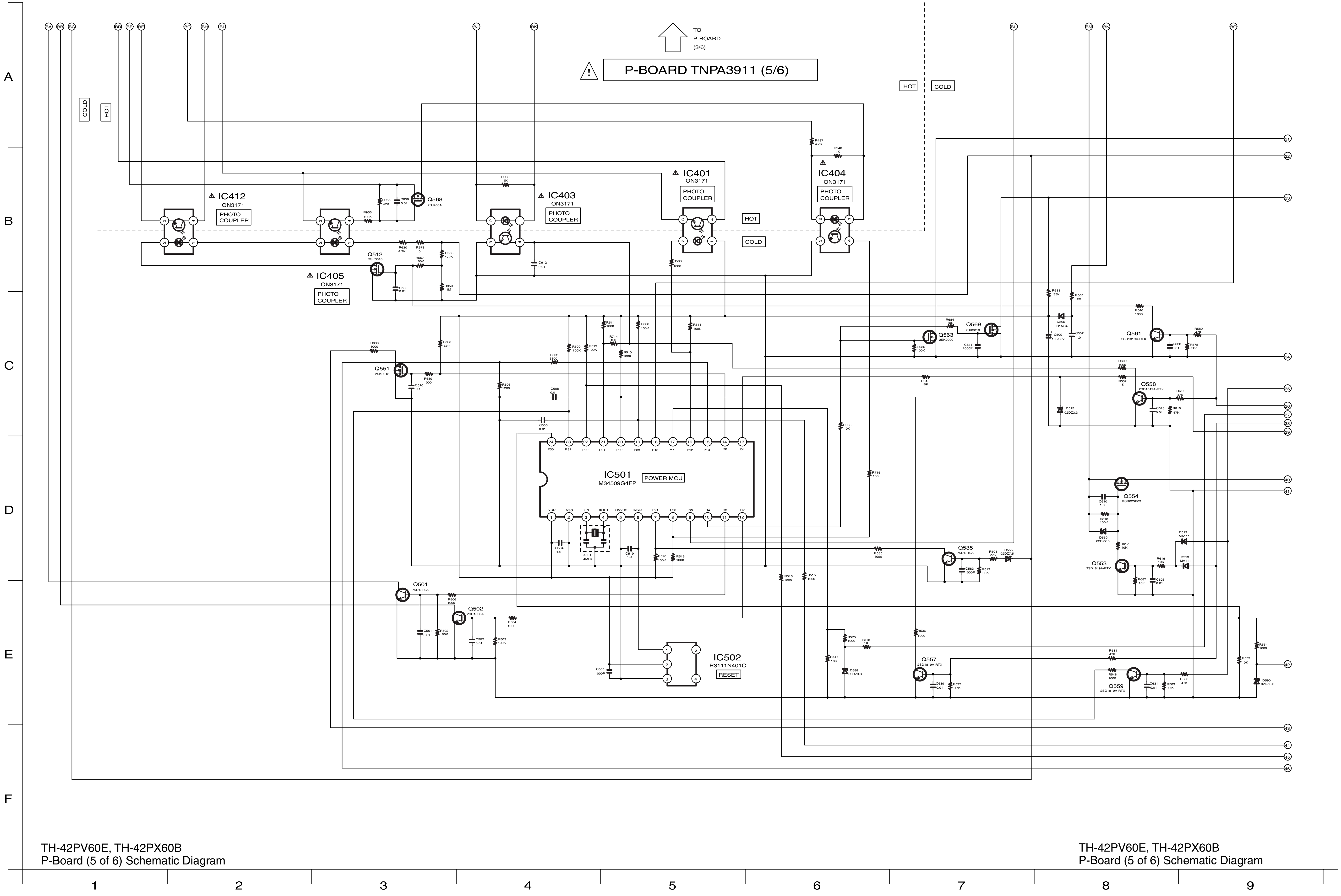

P-BOARD TNPA3911 (4/6)
TO
P-BOARD
(2/6)
Q507
2SK3568
D582
MA7056
T601
PR601
T 3.15A 250V
C615
1400u/220V
C617
1400u/220V
TO
SC-BOARD
(SC2)
P2
Vsus
NC
GND
P11
Vsus
NC
GND
TO
SC-BOARD
(SS11)
Q540
IC509
L6565N
DC-DC CONVERTER
Vcc
GD
GND
ZCD
INV
COMP
VFF
CS
Csus
IC505
ON3171
PHOTO
COUPLER
IC506
HA17431
ERROR DET(Vsus)
Vsus
Q505
2SK2996
Q530
2SD1819A-RTX
Q525
2SK3018
IC507
ON3171
PHOTO
COUPLER
TO
P-BOARD
(6/6)

TH-42PV60E, TH-42PX60B
P-Board (4 of 6) Schematic Diagram

TH-42PV60E, TH-42PX60B
P-Board (4 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

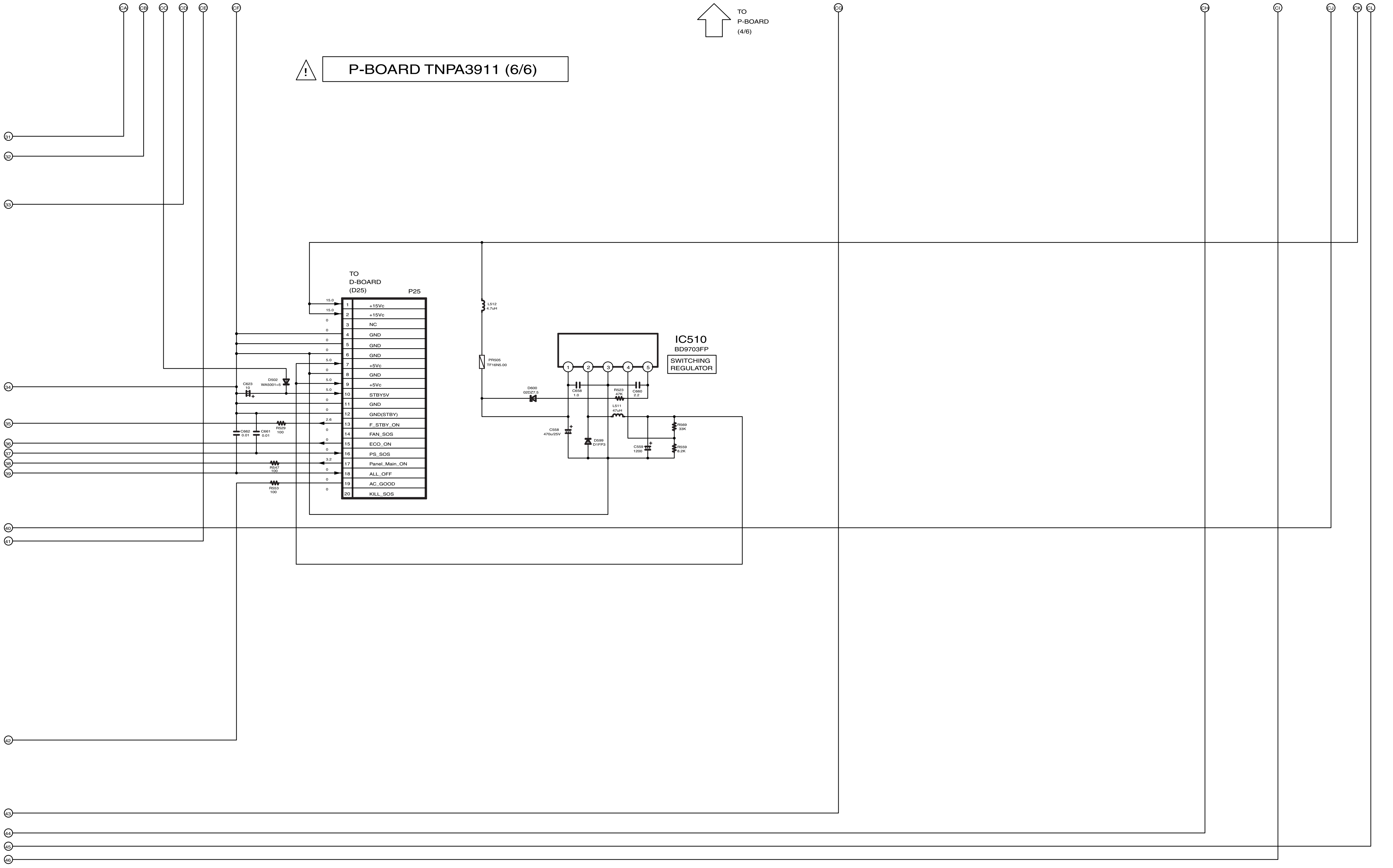
14.16. P-Board (5 of 6) Schematic Diagram (42inch)


P-BOARD TNPA3911 (5/6)
TO P-BOARD (3/6)
HOT
COLD
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
BN
BO
IC412 ON3171 PHOTO COUPLER
IC403 ON3171 PHOTO COUPLER
IC401 ON3171 PHOTO COUPLER
IC404 ON3171 PHOTO COUPLER
IC405 ON3171 PHOTO COUPLER
Q568 2SJ463A
Q512 2SK3018
Q551 2SK3018
Q563 2SK2090
Q569 2SK3018
Q561 2SD1819A-RTX
Q558 2SD1819A-RTX
Q554 RSR025P03
Q553 2SD1819A-RTX
Q535 2SD1819A
Q557 2SD1819A-RTX
Q559 2SD1819A-RTX
Q501 2SD1820A
Q502 2SD1820A
IC501 M34509G4FP POWER MCU
P30
P31
P00
P01
P02
P03
P10
P11
P12
P13
D0
D1
VDD
VSS
XIN
XOUT
CNVSS
Reset
P21
P20
D5
D4
D3
D2
X501 4MHz
IC502 R3111N401C RESET
D505 D1NS4
D515 02DZ3.3
D559 02DZ7.5
D512 MA111
D513 MA111
D555 02DZ7.5
D588 02DZ3.3
D590 02DZ3.3
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

TH-42PV60E, TH-42PX60B
P-Board (5 of 6) Schematic Diagram

TH-42PV60E, TH-42PX60B
P-Board (5 of 6) Schematic Diagram

14.17. P-Board (6 of 6) Schematic Diagram (42inch)

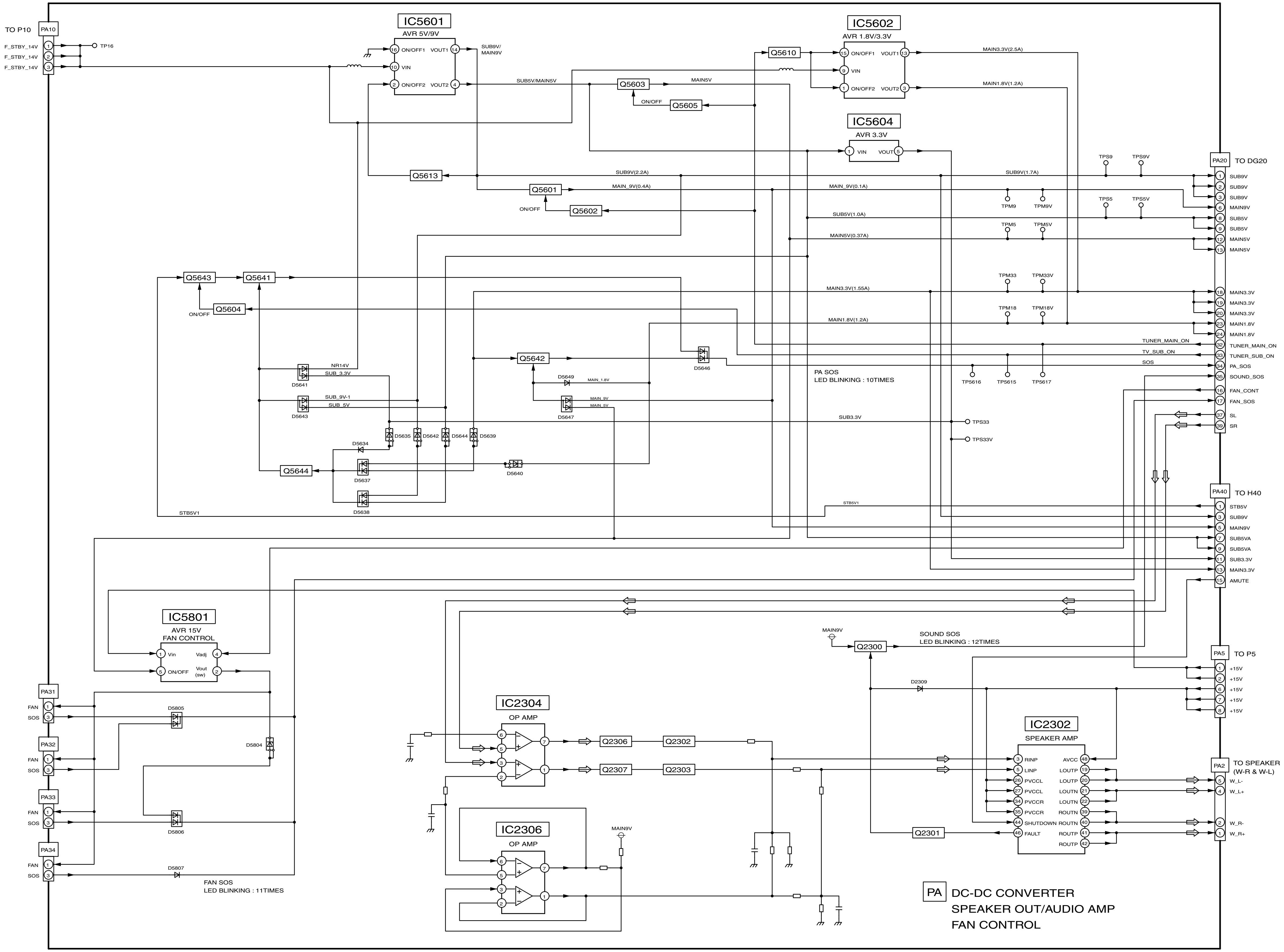

CA
CB
CC
CD
CE
CF
TO
P-BOARD
(4/6)
CG
CH
CI
CJ
CK
CL
P-BOARD TNPA3911 (6/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
TO
D-BOARD
(D25)
P25
1 +15Vc 15.0
2 +15Vc 15.0
3 NC 0
4 GND 0
5 GND 0
6 GND 0
7 +5Vc 5.0
8 GND 0
9 +5Vc 5.0
10 STBY5V 5.0
11 GND 0
12 GND(STBY) 0
13 F_STBY_ON 2.6
14 FAN_SOS 0
15 ECO_ON 0
16 PS_SOS 0
17 Panel_Main_ON 3.2
18 ALL_OFF 0
19 AC_GOOD 0
20 KILL_SOS 0
C623
10
D502
WA5001=5
C662
0.01
C661
0.01
R529
100
R547
100
R553
100
L512
4.7uH
PR505
TF16N5.00
D600
02DZ7.5
IC510
BD9703FP
SWITCHING
REGULATOR
1
2
3
4
5
C658
1.0
R523
47K
C660
2.2
L511
47uH
C558
470u/25V
D599
D1FP3
C559
1200
R569
33K
R559
8.2K

TH-42PV60E, TH-42PX60B
P-Board (6 of 6) Schematic Diagram

TH-42PV60E, TH-42PX60B
P-Board (6 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

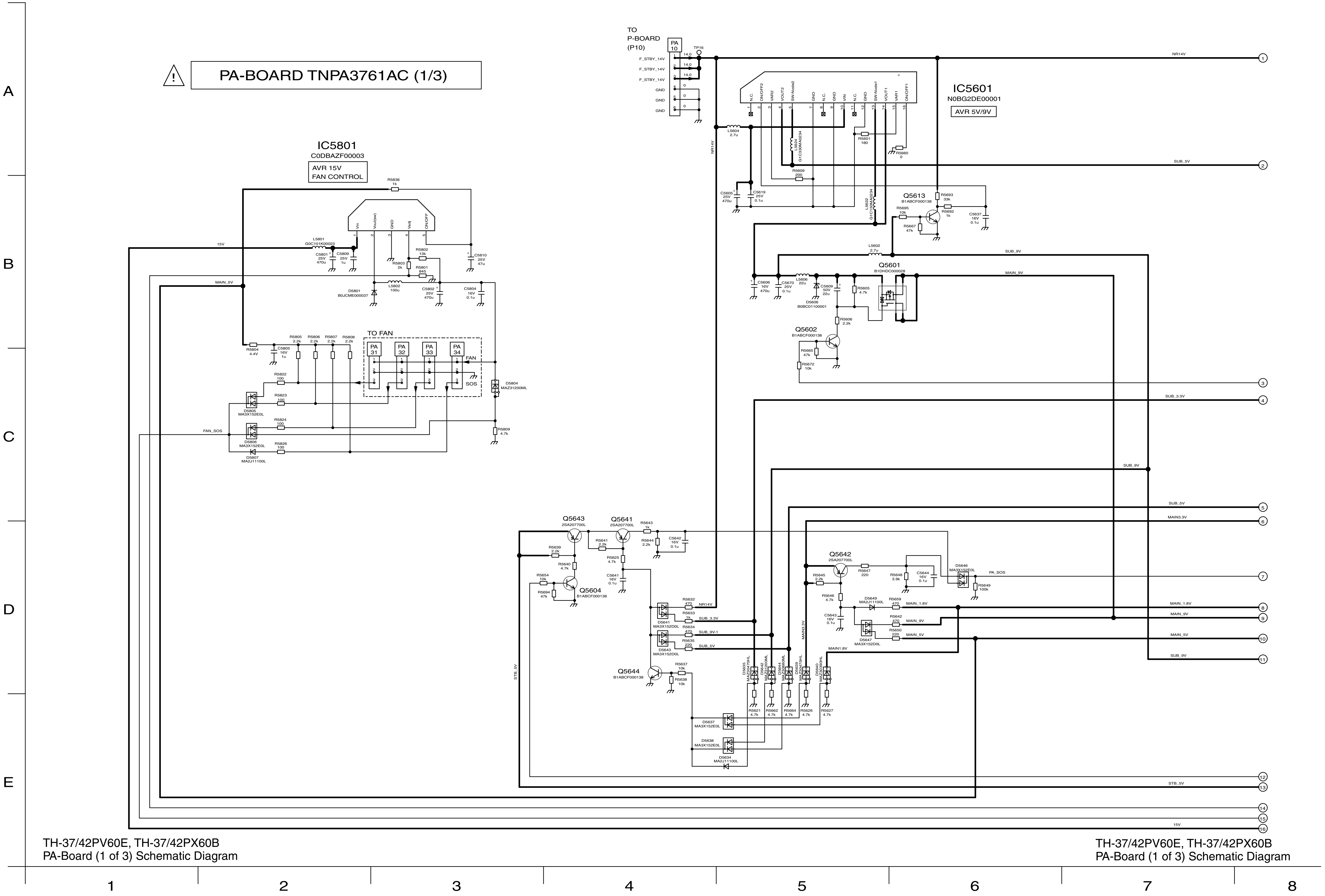
14.18. PA-Board Block Diagram


TO P10
PA10
F_STBY_14V
F_STBY_14V
F_STBY_14V
TP16
IC5601
AVR 5V/9V
ON/OFF1
VOUT1
VIN
ON/OFF2
VOUT2
SUB9V/
MAIN9V
SUB5V/MAIN5V
Q5603
MAIN5V
ON/OFF
Q5605
IC5602
AVR 1.8V/3.3V
Q5610
MAIN3.3V(2.5A)
MAIN1.8V(1.2A)
IC5604
AVR 3.3V
VIN
VOUT
Q5613
SUB9V(2.2A)
SUB9V(1.7A)
Q5601
MAIN_9V(0.4A)
MAIN_9V(0.1A)
Q5602
SUB5V(1.0A)
MAIN5V(0.37A)
TPS9
TPS9V
TPS5
TPS5V
TPM9
TPM9V
TPM5
TPM5V
TPM33
TPM33V
TPM18
TPM18V
PA20
TO DG20
SUB9V
SUB9V
SUB9V
MAIN9V
SUB5V
SUB5V
MAIN5V
MAIN5V
MAIN3.3V
MAIN3.3V
MAIN3.3V
MAIN1.8V
MAIN1.8V
TUNER_MAIN_ON
TUNER_SUB_ON
PA_SOS
SOUND_SOS
FAN_CONT
FAN_SOS
SL
SR
Q5643
Q5641
Q5604
ON/OFF
MAIN3.3V(1.55A)
MAIN1.8V(1.2A)
TUNER_MAIN_ON
TV_SUB_ON
SOS
Q5642
D5646
PA SOS
LED BLINKING : 10TIMES
TP5616
TP5615
TP5617
NR14V
SUB_3.3V
D5641
D5649
MAIN_1.8V
SUB_9V-1
SUB_5V
D5643
D5647
MAIN_9V
MAIN_5V
SUB3.3V
TPS33
TPS33V
D5634
D5635
D5642
D5644
D5639
Q5644
D5637
D5640
D5638
STB5V1
STB5V1
PA40
TO H40
STB5V
SUB9V
MAIN9V
SUB5VA
SUB5VA
SUB3.3V
MAIN3.3V
AMUTE
IC5801
AVR 15V
FAN CONTROL
Vin
Vadj
ON/OFF
Vout
(sw)
MAIN9V
Q2300
SOUND SOS
LED BLINKING : 12TIMES
PA5
TO P5
+15V
+15V
+15V
+15V
+15V
D2309
PA31
FAN
SOS
D5805
PA32
FAN
SOS
D5804
PA33
FAN
SOS
D5806
PA34
FAN
SOS
D5807
FAN SOS
LED BLINKING : 11TIMES
IC2304
OP AMP
Q2306
Q2302
Q2307
Q2303
IC2306
OP AMP
MAIN9V
IC2302
SPEAKER AMP
RINP
LINP
PVCCL
PVCCL
PVCCR
PVCCR
SHUTDOWN
FAULT
AVCC
LOUTP
LOUTP
LOUTN
LOUTN
ROUTN
ROUTN
ROUTP
ROUTP
Q2301
PA2
TO SPEAKER
(W-R & W-L)
W_L-
W_L+
W_R-
W_R+
PA
DC-DC CONVERTER
SPEAKER OUT/AUDIO AMP
FAN CONTROL

TH-37/42PV60E, TH-37/42PX60B
PA-Board Block Diagram

TH-37/42PV60E, TH-37/42PX60B
PA-Board Block Diagram

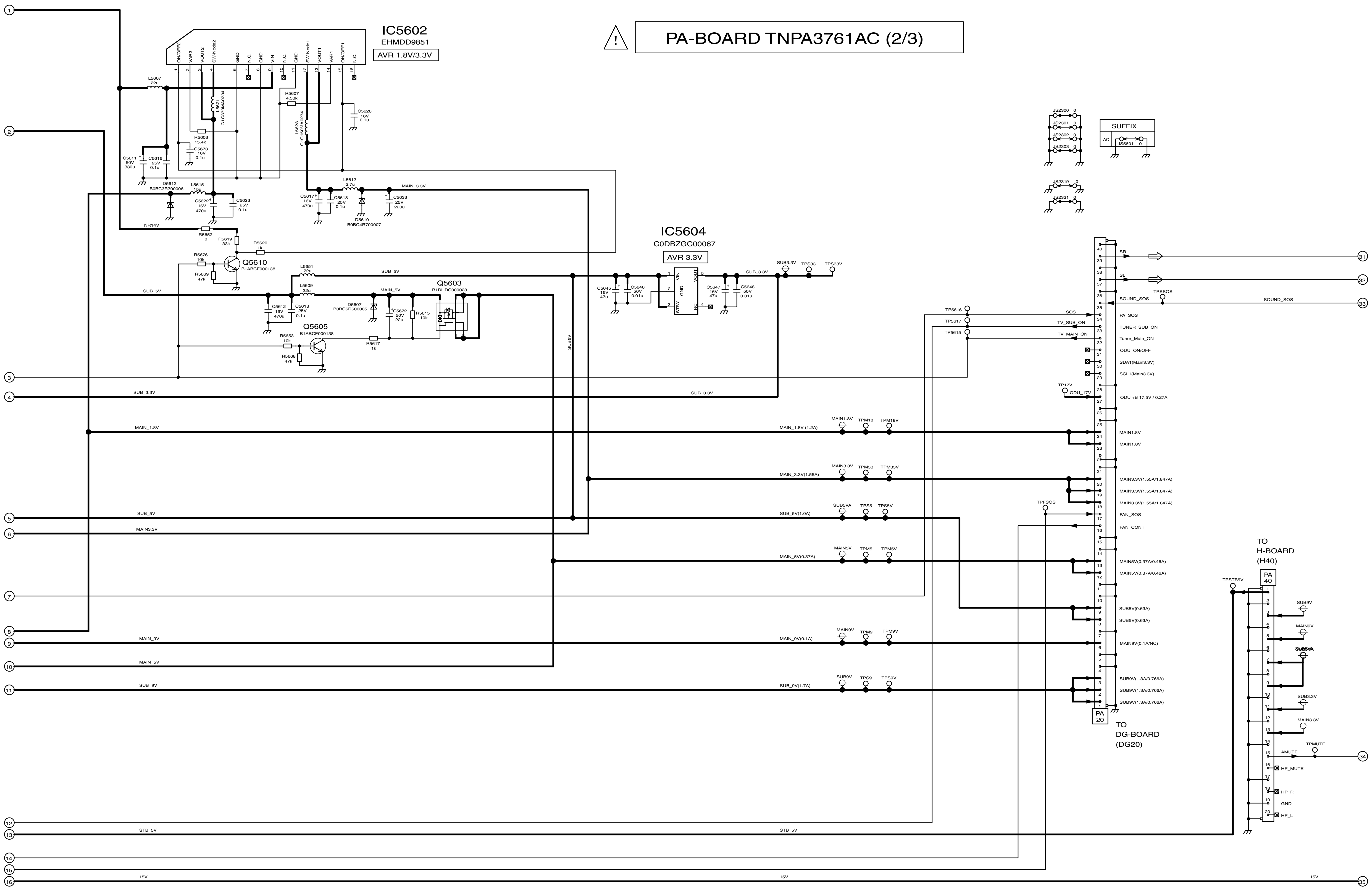
14.19. PA-Board (1 of 3) Schematic Diagram


PA-BOARD TNPA3761AC (1/3)
A
B
C
D
E
1
2
3
4
5
6
7
8
IC5801
C0DBAZF00003
AVR 15V
FAN CONTROL
Vin
Vout(sw)
GND
Vadj
ON/OFF
R5836 1k
L5801 G0C101K00023
C5801 25V 470u
C5809 25V 1u
C5810 25V 47u
R5802 13k
R5803 2k
R5801 845
D5801 B0JCME000037
L5802 100u
C5802 25V 470u
C5804 16V 0.1u
15V
MAIN_5V
R5804 4.4V
C5805 16V 1u
R5805 2.2k
R5806 2.2k
R5807 2.2k
R5808 2.2k
TO FAN
PA 31
PA 32
PA 33
PA 34
FAN
SOS
D5804 MAZ31200ML
R5822 100
R5823 100
R5824 100
R5826 100
D5805 MA3X152E0L
D5806 MA3X152E0L
D5807 MA2J11100L
FAN_SOS
R5809 4.7k
TO P-BOARD (P10)
PA 10
TP16
F_STBY_14V
F_STBY_14V
F_STBY_14V
GND
GND
GND
14.0
14.0
14.0
0
0
0
IC5601
N0BG2DE00001
AVR 5V/9V
N.C.
ON/OFF2
VAR2
VOUT2
SW-Node2
GND
N.C.
GND
VIN
N.C.
GND
SW-Node1
VOUT1
VAR1
ON/OFF1
NR14V
L5604 2.7u
L5603 G1C330MA0234
R5601 180
R5660 0
R5609 200
C5605 25V 470u
C5619 25V 0.1u
L5622 G1C100MA0234
Q5613
B1ABCF000138
R5693 33k
R5695 10k
R5692 1k
R5667 47k
C5637 16V 0.1u
SUB_5V
L5602 2.7u
SUB_9V
Q5601
B1DHDC000028
MAIN_9V
C5606 16V 470u
C5670 25V 0.1u
L5606 22u
C5609 50V 22u
D5606 B0BC01100001
R5605 4.7k
R5606 2.2k
Q5602
B1ABCF000138
R5665 47k
R5672 10k
SUB_3.3V
SUB_9V
SUB_5V
MAIN3.3V
Q5643
2SA207700L
Q5641
2SA207700L
R5643 1k
R5644 2.2k
C5642 16V 0.1u
R5639 2.2k
R5641 2.2k
R5640 4.7k
R5625 4.7k
R5654 10k
R5694 47k
Q5604
B1ABCF000138
C5641 16V 0.1u
Q5642
2SA207700L
R5647 220
R5645 2.2k
R5648 3.9k
C5644 16V 0.1u
D5646 MA3X152E0L
PA_SOS
R5649 100k
R5646 4.7k
C5643 16V 0.1u
D5649 MA2J11100L
R5659 470
MAIN_1.8V
R5642 470
MAIN_9V
R5650 220
MAIN_5V
D5647 MA3X152D0L
MAIN1.8V
R5632 470
NR14V
R5633 1k
SUB_3.3V
R5634 470
SUB_9V-1
R5635 220
SUB_5V
D5641 MA3X152D0L
D5643 MA3X152D0L
Q5644
B1ABCF000138
R5637 10k
R5638 10k
STB_5V
D5635
D5642
D5644
D5639
D5640
R5621 4.7k
R5662 4.7k
R5664 4.7k
R5626 4.7k
R5627 4.7k
D5637 MA3X152E0L
D5638 MA3X152E0L
D5634 MA2J11100L
MAIN_1.8V
MAIN_9V
MAIN_5V
SUB_9V
STB_5V
15V
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮
⑯

TH-37/42PV60E, TH-37/42PX60B
PA-Board (1 of 3) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
PA-Board (1 of 3) Schematic Diagram

14.20. PA-Board (2 of 3) Schematic Diagram

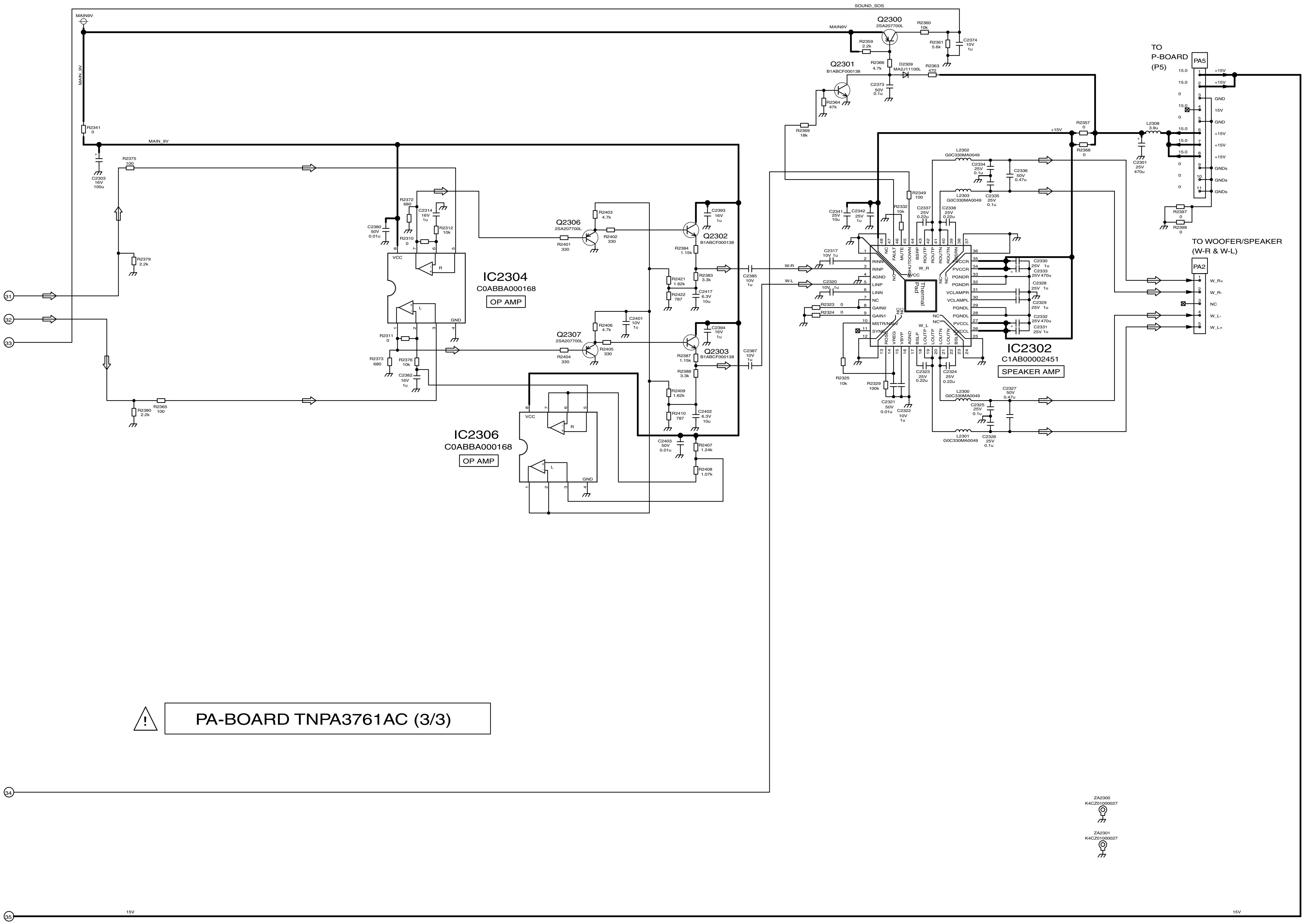

PA-BOARD TNPA3761AC (2/3)
IC5602
EHMDD9851
AVR 1.8V/3.3V
ON/OFF2
VAR2
VOUT2
SW-Node2
GND
N.C.
GND
VIN
N.C.
GND
SW-Node1
VOUT1
VAR1
ON/OFF1
N.C.
L5607 22u
L5621
L5623
R5607 4.53k
R5603 15.4k
C5673 16V 0.1u
C5626 16V 0.1u
C5611 50V 330u
C5616 25V 0.1u
D5612 B0BC3R700006
L5615 15u
C5622 16V 470u
C5623 25V 0.1u
L5612 2.7u
C5617 16V 470u
C5618 25V 0.1u
D5610 B0BC4R700007
C5633 25V 220u
MAIN_3.3V
NR14V
R5652 0
R5619 33k
R5620 1k
R5676 10k
R5669 47k
Q5610
B1ABCF000138
L5651 22u
SUB_5V
L5609 22u
MAIN_5V
Q5603
B1DHDC000028
C5612 16V 470u
C5613 25V 0.1u
D5607 B0BC6R600005
C5672 50V 22u
R5615 10k
Q5605
B1ABCF000138
R5653 10k
R5668 47k
R5617 1k
SUB5V
IC5604
C0DBZGC00067
AVR 3.3V
VIN
GND
STBY
VOUT
NC
C5645 16V 47u
C5646 50V 0.01u
C5647 16V 47u
C5648 50V 0.01u
SUB_3.3V
SUB3.3V
TPS33
TPS33V
JS2300
JS2301
JS2302
JS2303
JS2319
JS2331
SUFFIX
AC
JS5601
SR
SL
SOUND_SOS
TPSSOS
SOS
PA_SOS
TV_SUB_ON
TUNER_SUB_ON
TV_MAIN_ON
Tuner_Main_ON
ODU_ON/OFF
SDA1(Main3.3V)
SCL1(Main3.3V)
TP5616
TP5617
TP5615
TP17V
ODU_17V
ODU +B 17.5V / 0.27A
MAIN_1.8V
MAIN_1.8V (1.2A)
MAIN1.8V
TPM18
TPM18V
MAIN_3.3V(1.55A)
MAIN3.3V
TPM33
TPM33V
MAIN3.3V(1.55A/1.847A)
TPFSOS
FAN_SOS
FAN_CONT
SUB_5V(1.0A)
SUB5VA
TPS5
TPS5V
MAIN_5V(0.37A)
MAIN5V
TPM5
TPM5V
MAIN5V(0.37A/0.46A)
SUB5V(0.63A)
MAIN_9V
MAIN_9V(0.1A)
MAIN9V
TPM9
TPM9V
MAIN9V(0.1A/NC)
SUB_9V
SUB_9V(1.7A)
SUB9V
TPS9
TPS9V
SUB9V(1.3A/0.766A)
PA 20
TO DG-BOARD (DG20)
TO H-BOARD (H40)
PA 40
TPSTB5V
SUB9V
MAIN9V
SUB5VA
SUB3.3V
MAIN3.3V
AMUTE
TPMUTE
HP_MUTE
HP_R
GND
HP_L
SUB_3.3V
MAIN_1.8V
SUB_5V
MAIN3.3V
MAIN_5V
STB_5V
15V
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
31
32
33
34
35

TH-37/42PV60E, TH-37/42PX60B
PA-Board (2 of 3) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
PA-Board (2 of 3) Schematic Diagram

8 9 10 11 12 13 14 15

14.21. PA-Board (3 of 3) Schematic Diagram

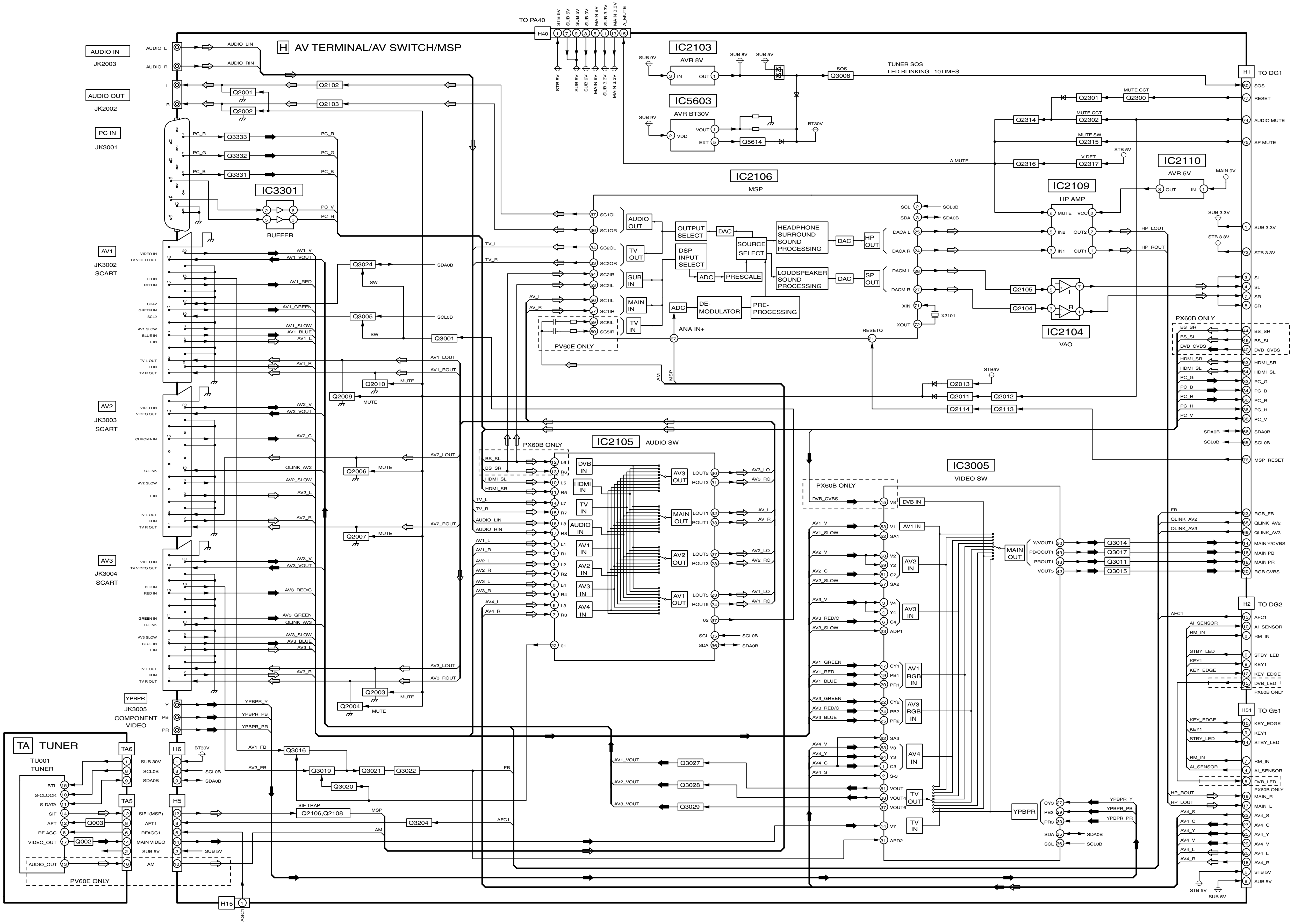

SOUND_SOS
MAIN9V
MAIN_9V
Q2300
2SA207700L
Q2301
B1ABCF000138
R2359 2.2k
R2360 10k
R2361 5.6k
C2374 10V 1u
R2366 4.7k
D2309 MA2J11100L
R2363 470
C2373 50V 0.1u
R2364 47k
R2369 18k
R2341 0
R2375 100
C2303 16V 100u
R2379 2.2k
R2380 2.2k
R2365 100
R2372 680
C2314 16V 1u
R2312 10k
C2380 50V 0.01u
R2310 0
R2311 0
R2373 680
R2376 10k
C2382 16V 1u
IC2304
C0ABBA000168
OP AMP
IC2306
C0ABBA000168
OP AMP
VCC
GND
R
L
Q2306
2SA207700L
Q2307
2SA207700L
R2401 330
R2402 330
R2403 4.7k
R2404 330
R2405 330
R2406 4.7k
C2401 10V 1u
Q2302
B1ABCF000138
Q2303
B1ABCF000138
C2393 16V 1u
C2394 16V 1u
R2384 1.15k
R2387 1.15k
R2421 1.62k
R2422 787
R2383 3.3k
R2388 3.3k
C2417 6.3V 10u
R2409 1.62k
R2410 787
C2402 6.3V 10u
C2403 50V 0.01u
R2407 1.24k
R2408 1.07k
C2385 10V 1u
C2387 10V 1u
W-R
W-L
C2317 10V 1u
C2320 10V 1u
R2323 0
R2324 0
R2325 10k
R2329 100k
C2321 50V 0.01u
C2322 10V 1u
C2323 25V 0.22u
C2324 25V 0.22u
C2341 25V 10u
C2342 25V 1u
R2332 10k
R2349 100
C2337 25V 0.22u
C2338 25V 0.22u
L2302 G0C330MA0049
L2303 G0C330MA0049
L2300 G0C330MA0049
L2301 G0C330MA0049
C2334 25V 0.1u
C2336 50V 0.47u
C2335 25V 0.1u
C2325 25V 0.1u
C2327 50V 0.47u
C2326 25V 0.1u
C2330 25V 1u
C2333 25V 470u
C2328 25V 1u
C2329 25V 1u
C2332 25V 470u
C2331 25V 1u
Thermal Pad
IC2302
C1AB00002451
SPEAKER AMP
RINN RINP AGND LINP LINN NC GAIN0 GAIN1 MSTR/SLV SYNC
NC FAULT MUTE SHUTDOWN BSRP ROUTP ROUTP ROUTN ROUTN BSRN
PVCCR PVCCR PGNDR PGNDR VCLAMPR VCLAMPL PGNDL PGNDL PVCCL PVCCL
ROSC VREG VBYP AGND BSLP LOUTP LOUTP LOUTN LOUTN BSLN
+15V
R2357 0
R2368 0
L2308 3.9u
C2301 25V 470u
R2397 0
R2398 0
TO P-BOARD (P5)
PA5
15.0 15.0 0 15.0 0 15.0 15.0 15.0 0 0 0
+15V +15V GND 15V GND +15V +15V +15V GNDs GNDs GNDs
TO WOOFER/SPEAKER (W-R & W-L)
PA2
W_R+ W_R- NC W_L- W_L+
ZA2300 K4CZ01000027
ZA2301 K4CZ01000027
31 32 33 34 35
15V
PA-BOARD TNPA3761AC (3/3)

TH-37/42PV60E, TH-37/42PX60B
PA-Board (3 of 3) Schematic Diagram

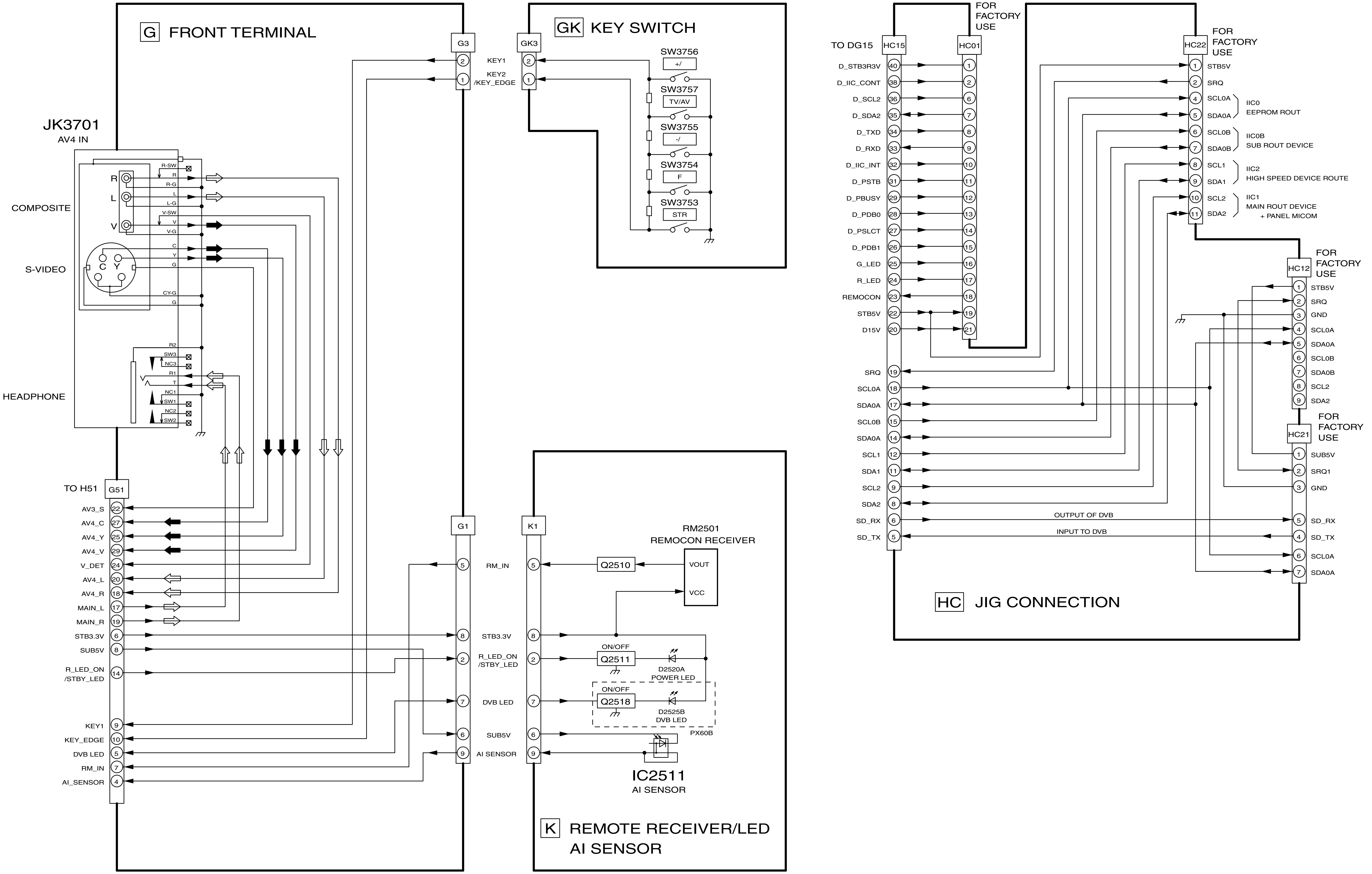
TH-37/42PV60E, TH-37/42PX60B
PA-Board (3 of 3) Schematic Diagram

16 17 18 19 20 21 22 23

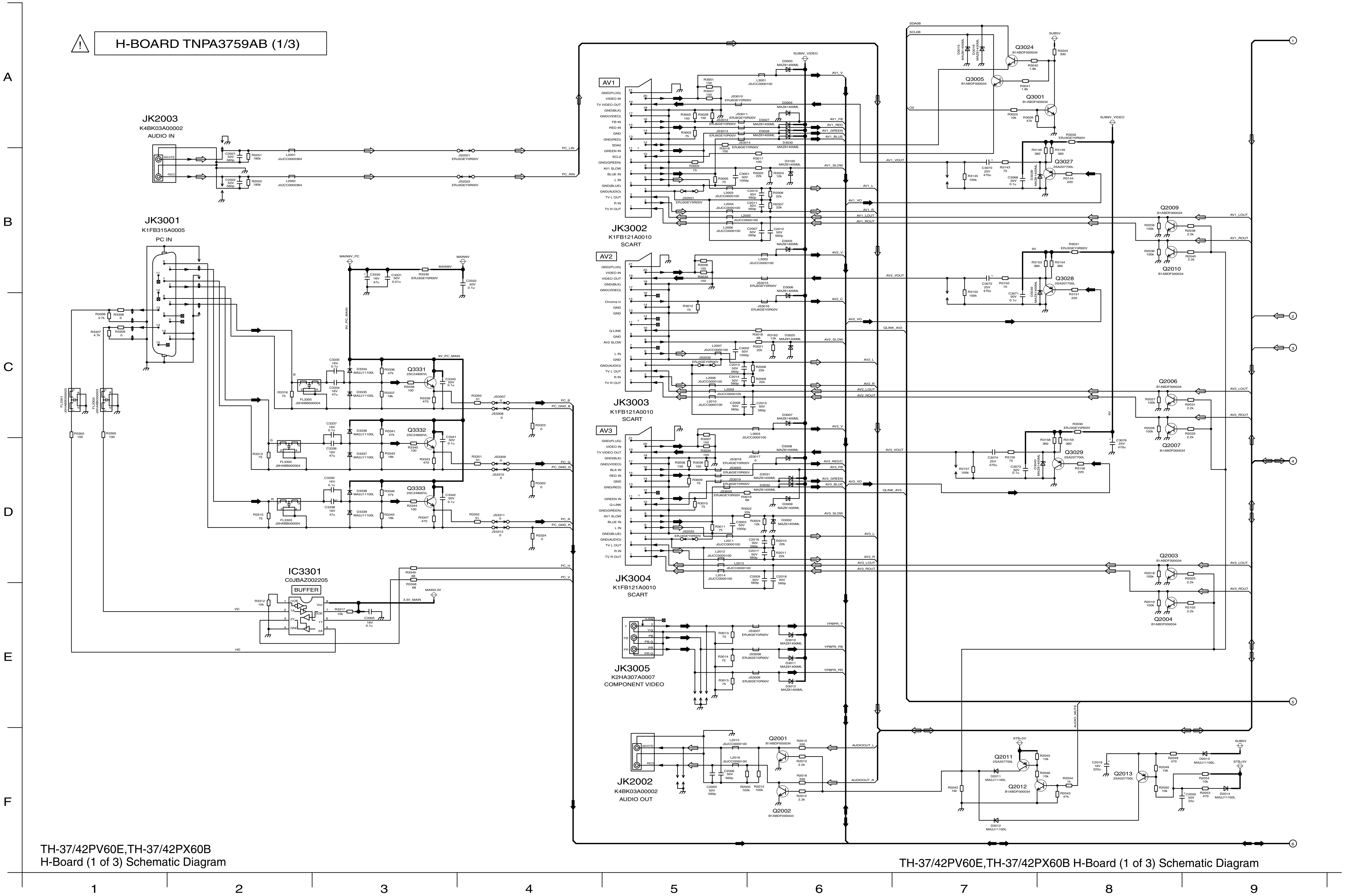
14.22. H and TA-Board Block Diagram


H AV TERMINAL/AV SWITCH/MSP
TA TUNER
TU001 TUNER
AUDIO IN JK2003
AUDIO OUT JK2002
PC IN JK3001
AV1 JK3002 SCART
AV2 JK3003 SCART
AV3 JK3004 SCART
YPBPR JK3005 COMPONENT VIDEO
IC3301 BUFFER
IC2103 AVR 8V
IC5603 AVR BT30V
IC2106 MSP
IC2109 HP AMP
IC2110 AVR 5V
IC2104 VAO
IC2105 AUDIO SW
IC3005 VIDEO SW
TO PA40
H40
H1 TO DG1
H2 TO DG2
H51 TO G51
H15
TA6
TA5
H6
H5
TUNER SOS LED BLINKING : 10TIMES
AUDIO OUT
OUTPUT SELECT
DAC
HEADPHONE SURROUND SOUND PROCESSING
SOURCE SELECT
DSP INPUT SELECT
LOUDSPEAKER SOUND PROCESSING
ADC
PRESCALE
DE-MODULATOR
PRE-PROCESSING
HP OUT
SP OUT
TV OUT
SUB IN
MAIN IN
TV IN
ANA IN+
PV60E ONLY
PX60B ONLY
DVB IN
HDMI IN
AUDIO IN
AV1 IN
AV2 IN
AV3 IN
AV4 IN
AV3 OUT
MAIN OUT
AV2 OUT
AV1 OUT
AV1 RGB IN
AV3 RGB IN
YPBPR

14.23. G, GK, HC and K-Board Block Diagram


G FRONT TERMINAL
G3
KEY1
KEY2 /KEY_EDGE
GK3
GK KEY SWITCH
SW3756 +/
SW3757 TV/AV
SW3755 -/
SW3754 F
SW3753 STR
JK3701
AV4 IN
COMPOSITE
R
L
V
R-SW
R-G
L-G
V-SW
V-G
C
Y
G
CY-G
S-VIDEO
HEADPHONE
R2
SW3
NC3
R1
T
NC1
SW1
NC2
SW2
TO H51
G51
AV3_S 22
AV4_C 27
AV4_Y 25
AV4_V 29
V_DET 24
AV4_L 20
AV4_R 18
MAIN_L 17
MAIN_R 19
STB3.3V 6
SUB5V 8
R_LED_ON /STBY_LED 14
KEY1 9
KEY_EDGE 10
DVB LED 5
RM_IN 7
AI_SENSOR 4
G1
K1
RM_IN 5
STB3.3V 8
R_LED_ON /STBY_LED 2
DVB LED 7
SUB5V 6
AI SENSOR 9
RM2501
REMOCON RECEIVER
VOUT
VCC
Q2510
ON/OFF
Q2511
D2520A POWER LED
ON/OFF
Q2518
D2525B DVB LED
PX60B
IC2511
AI SENSOR
K REMOTE RECEIVER/LED AI SENSOR
TO DG15
HC15
HC01
FOR FACTORY USE
HC22
FOR FACTORY USE
D_STB3R3V 40
D_IIC_CONT 38
D_SCL2 36
D_SDA2 35
D_TXD 34
D_RXD 33
D_IIC_INT 32
D_PSTB 31
D_PBUSY 29
D_PDB0 28
D_PSLCT 27
D_PDB1 26
G_LED 25
R_LED 24
REMOCON 23
STB5V 22
D15V 20
SRQ 19
SCL0A 18
SDA0A 17
SCL0B 15
SDA0A 14
SCL1 12
SDA1 11
SCL2 9
SDA2 8
SD_RX 6
SD_TX 5
1 STB5V
2 SRQ
4 SCL0A
5 SDA0A
IIC0 EEPROM ROUT
6 SCL0B
7 SDA0B
IIC0B SUB ROUT DEVICE
8 SCL1
9 SDA1
IIC2 HIGH SPEED DEVICE ROUTE
10 SCL2
11 SDA2
IIC1 MAIN ROUT DEVICE + PANEL MICOM
HC12
FOR FACTORY USE
1 STB5V
2 SRQ
3 GND
4 SCL0A
5 SDA0A
6 SCL0B
7 SDA0B
8 SCL2
9 SDA2
HC21
FOR FACTORY USE
1 SUB5V
2 SRQ1
3 GND
5 SD_RX
4 SD_TX
6 SCL0A
7 SDA0A
OUTPUT OF DVB
INPUT TO DVB
HC JIG CONNECTION

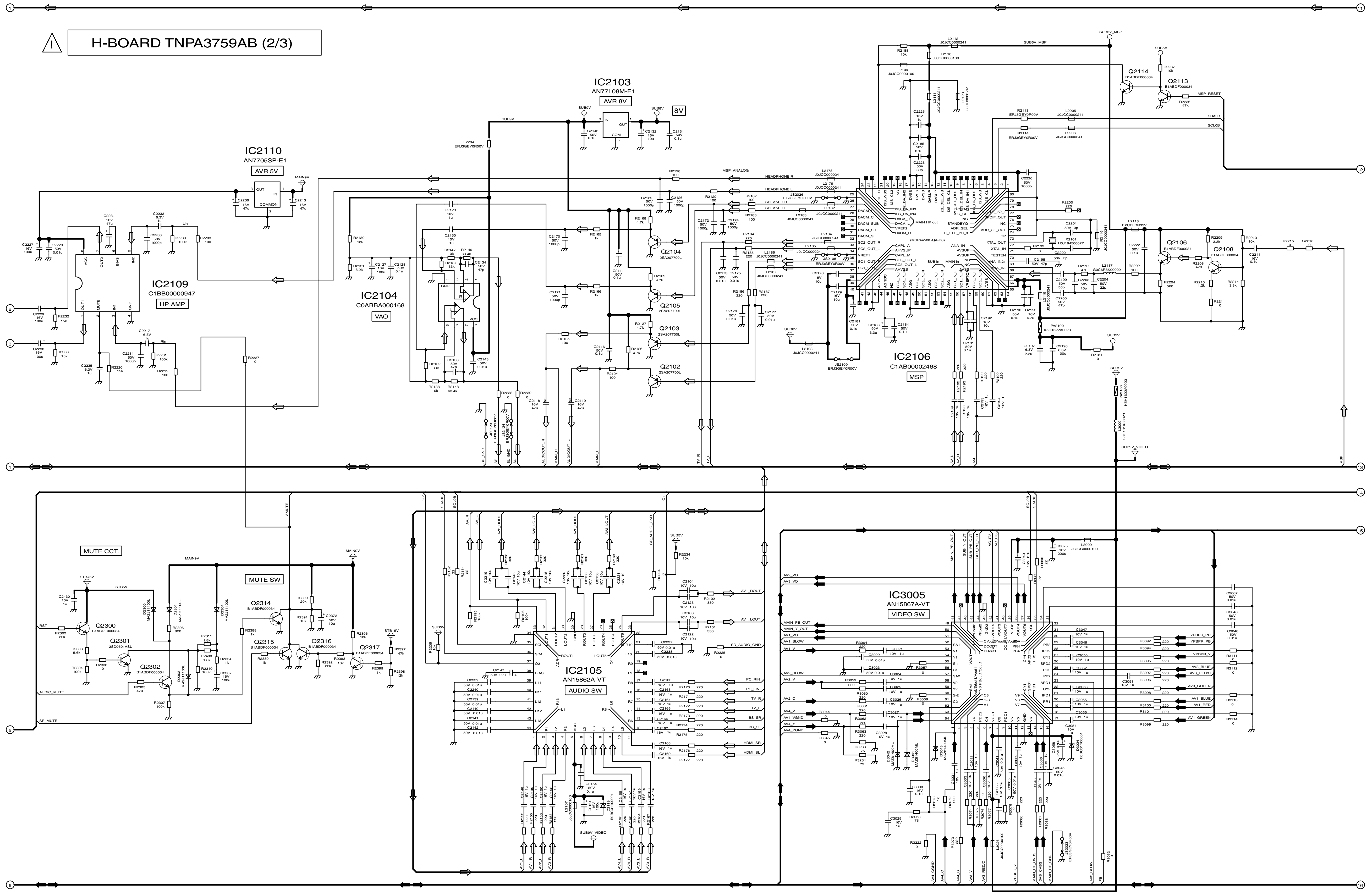
14.24. H-Board (1 of 3)Schematic Diagram


H-BOARD TNPA3759AB (1/3)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
JK2003
K4BK03A00002
AUDIO IN
WHITE
RED
PC_LIN
PC_RIN
JK3001
K1FB315A0005
PC IN
MAIN9V_PC
MAIN9V
9V_PC_MAIN
Q3331
2SC2480VL
Q3332
2SC2480VL
Q3333
2SC2480VL
FL3305
FL3304
FL3303
PC_B
PC_GND_B
PC_G
PC_GND_G
PC_R
PC_GND_R
PC_H
PC_V
IC3301
C0JBAZ002205
BUFFER
MAIN3.3V
3.3V_MAIN
VD
HD
AV1
JK3002
K1FB121A0010
SCART
AV2
JK3003
K1FB121A0010
SCART
AV3
JK3004
K1FB121A0010
SCART
JK3005
K2HA307A0007
COMPONENT VIDEO
Y
PB
PR
JK2002
K4BK03A00002
AUDIO OUT
WHITE
RED
Q2001
B1ABDF000034
Q2002
B1ABDF000034
AUDIOOUT_L
AUDIOOUT_R
SUB9V_VIDEO
SDA0B
SCL0B
Q3024
B1ABDF000034
Q3005
B1ABDF000034
Q3001
B1ABDF000034
SUB5V
Q3027
2SA207700L
Q3028
2SA207700L
Q3029
2SA207700L
Q2009
B1ABDF000034
Q2010
B1ABDF000034
Q2006
B1ABDF000034
Q2007
B1ABDF000034
Q2003
B1ABDF000034
Q2004
B1ABDF000034
Q2011
2SA207700L
Q2012
B1ABDF000034
Q2013
2SA207700L
STB+5V
AUDIO_MUTE
AV1_VOUT
AV2_VOUT
AV3_VOUT
AV1_LOUT
AV1_ROUT
AV2_LOUT
AV2_ROUT
AV3_LOUT
AV3_ROUT
QLINK_AV2
QLINK_AV3
YPBPR_Y
YPBPR_PB
YPBPR_PR
1
2
3
4
5
6

TH-37/42PV60E,TH-37/42PX60B
H-Board (1 of 3) Schematic Diagram

TH-37/42PV60E,TH-37/42PX60B H-Board (1 of 3) Schematic Diagram

14.25. H-Board (2 of 3)Schematic Diagram

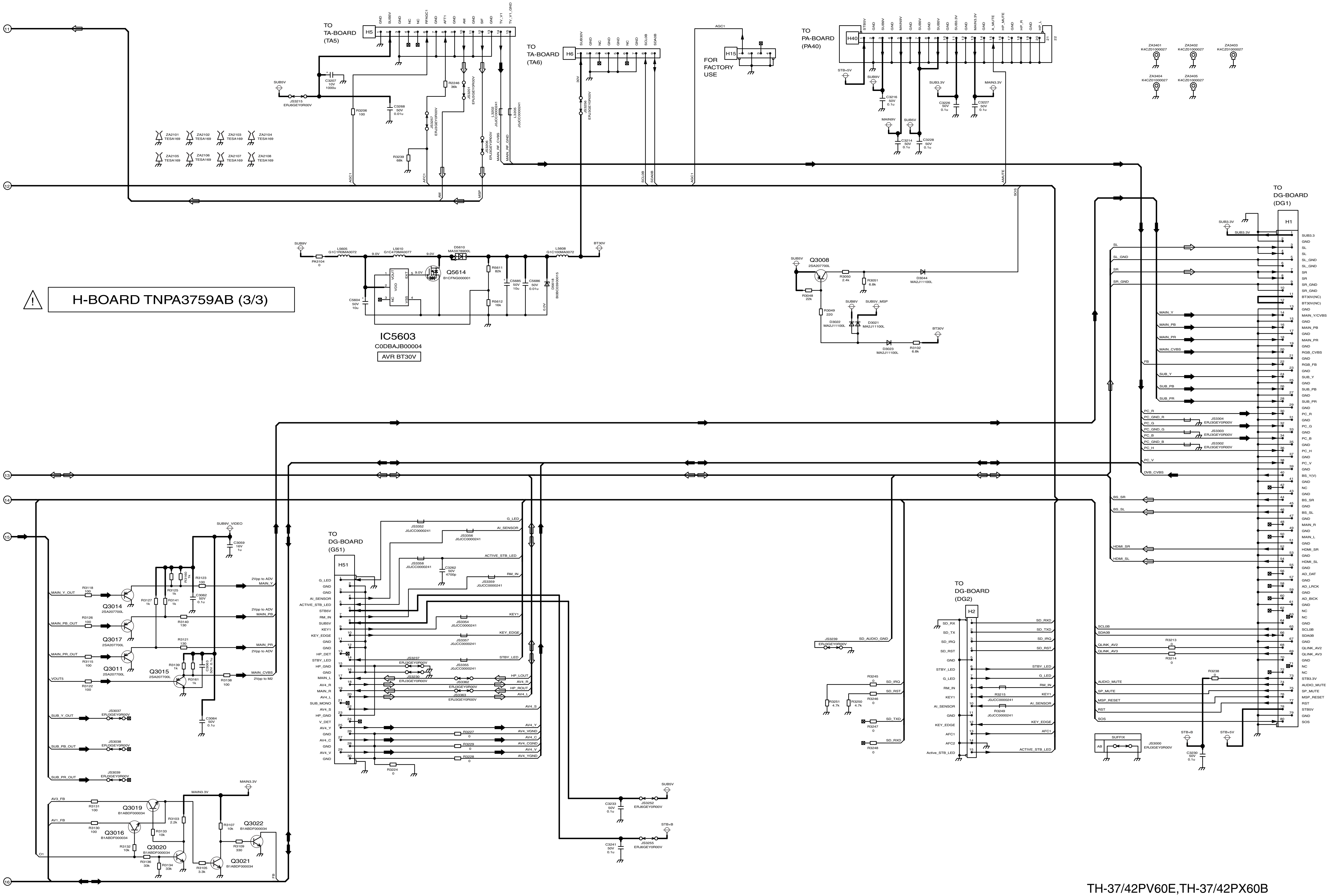

H-BOARD TNPA3759AB (2/3)
IC2110
AN7705SP-E1
AVR 5V
IC2103
AN77L08M-E1
AVR 8V
8V
IC2109
C1BB00000947
HP AMP
IC2104
C0ABBA000168
VAO
IC2106
C1AB00002468
MSP
Q2104
Q2105
Q2103
Q2102
Q2114
Q2113
Q2106
Q2108
MUTE CCT.
MUTE SW
Q2300
Q2301
Q2302
Q2314
Q2315
Q2316
Q2317
IC2105
AN15862A-VT
AUDIO SW
IC3005
AN15867A-VT
VIDEO SW
SUB9V
SUB5V
MAIN9V
STB+5V
MSP_ANALOG
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
MSP_RESET
SDA0B
SCL0B
AUDIO_MUTE
SP_MUTE
AV1_ROUT
AV1_LOUT
SD_AUDIO_GND
PC_RIN
PC_LIN
TV_R
TV_L
BS_SR
BS_SL
HDMI_SR
HDMI_SL
YPBPR_PR
YPBPR_PB
YPBPR_Y
AV3_BLUE
AV3_RED/C
AV3_GREEN
AV1_BLUE
AV1_RED
AV1_GREEN
1
2
3
4
5
6
11
12
13
14
15
16

TH-37/42PV60E,TH-37/42PX60B H-Board (2 of 3) Schematic Diagram

TH-37/42PV60E,TH-37/42PX60B H-Board (2 of 3) Schematic Diagram

10 11 12 13 14 15 16 17 18

14.26. H-Board (3 of 3)Schematic Diagram

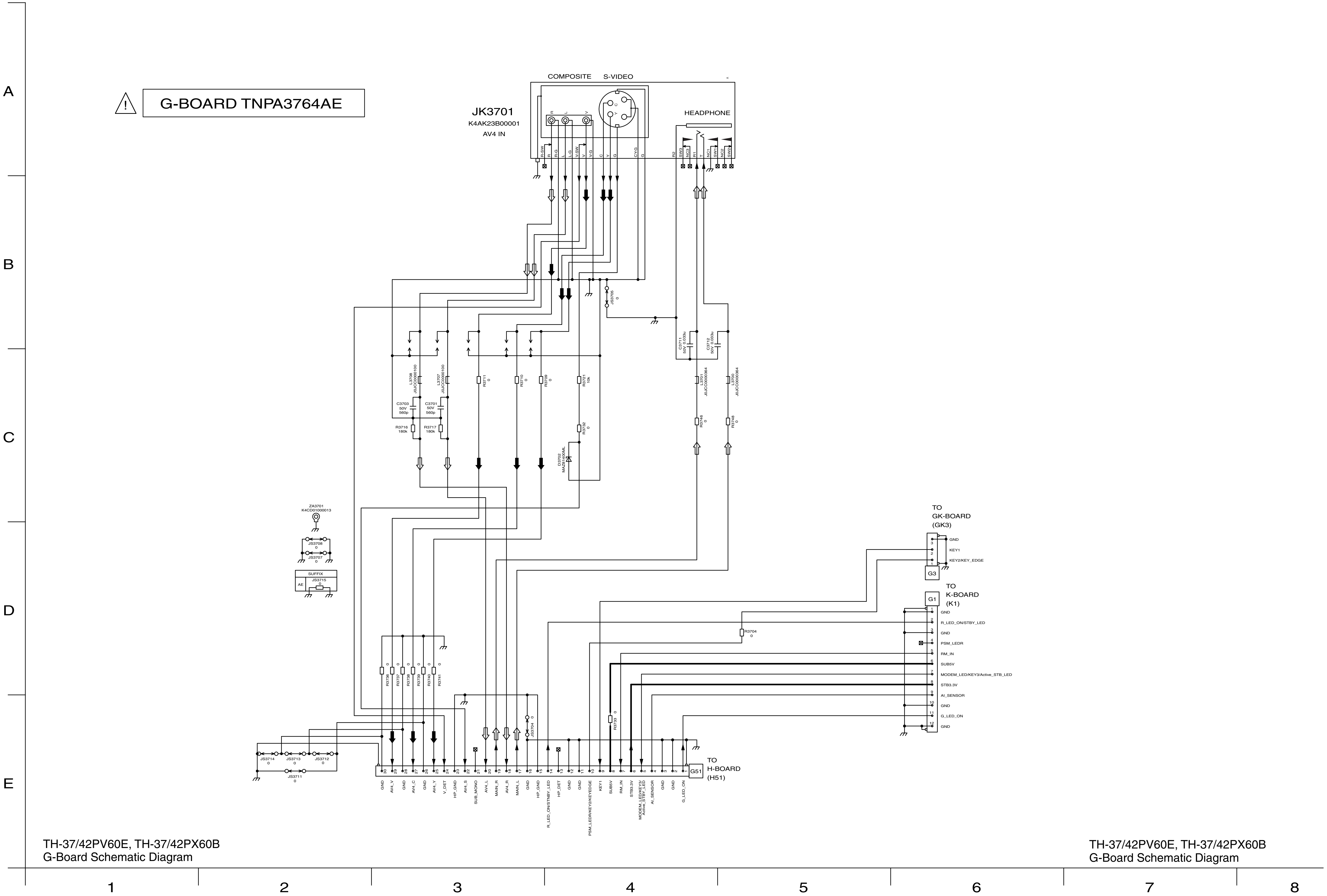

H-BOARD TNPA3759AB (3/3)
TO TA-BOARD (TA5)
H5
TO TA-BOARD (TA6)
H6
FOR FACTORY USE
H15
TO PA-BOARD (PA40)
H40
TO DG-BOARD (DG1)
H1
TO DG-BOARD (G51)
H51
TO DG-BOARD (DG2)
H2
IC5603
C0DBAJB00004
AVR BT30V
Q5614
B1CFNG000001
D5610
MA3X78900L
L5605
G1C100MA0072
L5610
G1C470MA0077
L5608
G1C100MA0072
Q3008
2SA2077000L
Q3014
Q3017
Q3011
Q3015
2SA2077000L
Q3019
Q3016
Q3020
Q3022
Q3021
B1ABDF000034
SUB5V
SUB9V
SUB3.3V
MAIN9V
MAIN3.3V
BT30V
STB+5V
SUB5V_MSP
SUB9V_VIDEO
ZA2101
ZA2102
ZA2103
ZA2104
ZA2105
ZA2106
ZA2107
ZA2108
TESA169
ZA3401
ZA3402
ZA3403
ZA3404
ZA3405
K4CZ01000027
MAIN_Y_OUT
MAIN_PB_OUT
MAIN_PR_OUT
VOUT5
SUB_Y_OUT
SUB_PB_OUT
SUB_PR_OUT
AV3_FB
AV1_FB
SUFFIX
AB
11
12
13
14
15
16

TH-37/42PV60E,TH-37/42PX60B H-Board (3 of 3) Schematic Diagram

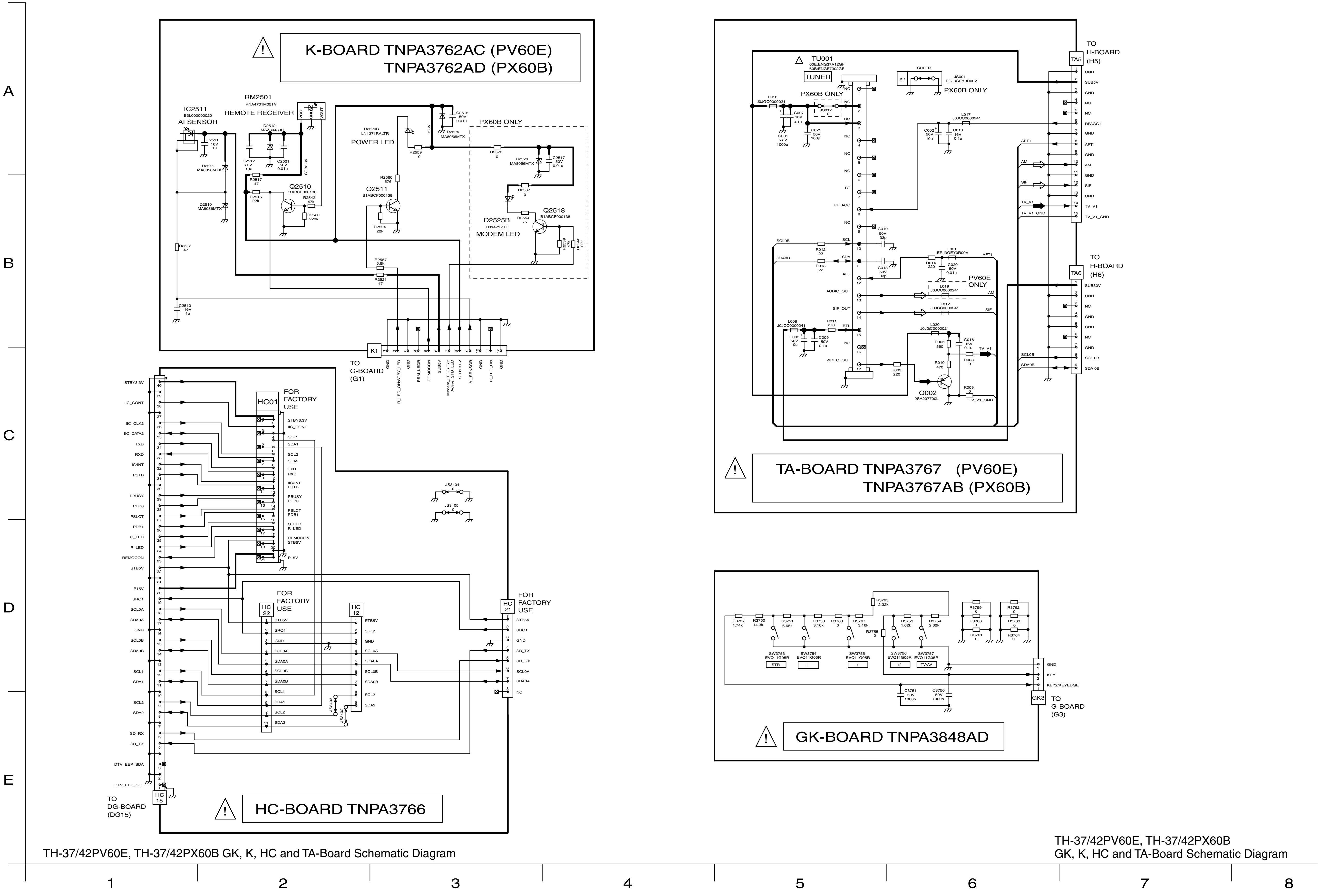
TH-37/42PV60E,TH-37/42PX60B
H-Board (3 of 3) Schematic Diagram

19 20 21 22 23 24 25 26 27

14.27. G-Board Schematic Diagram


G-BOARD TNPA3764AE
JK3701
K4AK23B00001
AV4 IN
COMPOSITE
S-VIDEO
HEADPHONE
R
L
V
C
Y
R-SW
R
R-G
L
L-G
V-SW
V
V-G
C
Y
G
CY-G
G
R2
SW3
NC3
R1
T
NC1
SW1
NC2
SW2
JS3705
0
C3711
50V 0.033u
C3712
50V 0.033u
L3708
J0JCC0000100
L3707
J0JCC0000100
C3703
50V
560p
C3701
50V
560p
R3716
180k
R3717
180k
R3711
0
R3710
0
R3709
0
R3721
10k
R3732
0
D3702
MAZ81400ML
L3701
J0JCC0000364
L3700
J0JCC0000364
R3746
0
R3748
0
ZA3701
K4CD01000013
JS3708
0
JS3707
0
SUFFIX
AE
JS3715
0
R3736
R3737
R3738
R3739
R3740
R3741
0
JS3714
0
JS3713
0
JS3712
0
JS3711
0
JS3704
0
R3733
0
R3704
0
TO
GK-BOARD
(GK3)
G3
3 GND
2 KEY1
1 KEY2/KEY_EDGE
TO
K-BOARD
(K1)
G1
1 GND
2 R_LED_ON/STBY_LED
3 GND
4 PSM_LEDR
5 RM_IN
6 SUB5V
7 MODEM_LED/KEY3/Active_STB_LED
8 STB3.3V
9 AI_SENSOR
10 GND
11 G_LED_ON
12 GND
TO
H-BOARD
(H51)
G51
30 GND
29 AV4_V
28 GND
27 AV4_C
26 GND
25 AV4_Y
24 V_DET
23 HP_GND
22 AV4_S
21 SUB_MONO
20 AV4_L
19 MAIN_R
18 AV4_R
17 MAIN_L
16 GND
15 HP_GND
14 R_LED_ON/STNBY_LED
13 HP_DET
12 GND
11 GND
10 PSM_LEDR/KEY2/KEYEDGE
9 KEY1
8 SUB5V
7 RM_IN
6 STB3.3V
5 MODEM_LED/KEY3/ Active_STBY_LED
4 AI_SENSOR
3 GND
2 GND
1 G_LED_ON
A
B
C
D
E
1
2
3
4
5
6
7
8

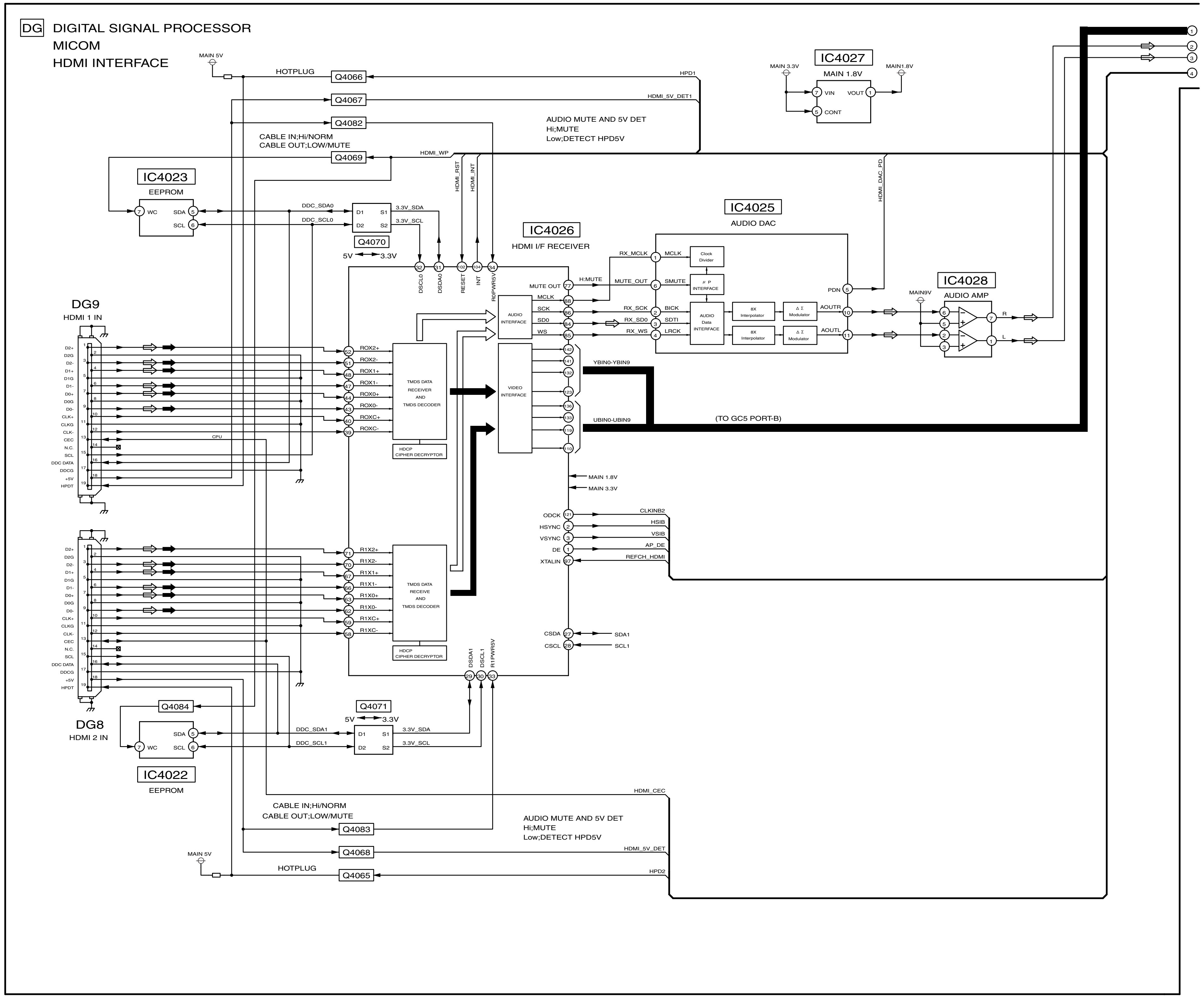
14.28. GK, K, HC and TA-Board Schematic Diagram


A
B
C
D
E
1
2
3
4
5
6
7
8
K-BOARD TNPA3762AC (PV60E)
TNPA3762AD (PX60B)
IC2511
B3L000000020
AI SENSOR
RM2501
PNA4701M05TV
REMOTE RECEIVER
D2520B
LN1271RALTR
POWER LED
PX60B ONLY
D2525B
LN1471YTR
MODEM LED
Q2510
B1ABCF000138
Q2511
B1ABCF000138
Q2518
B1ABCF000138
D2511
MA8056MTX
D2510
MA8056MTX
D2512
MAZ80430L
D2524
MA8056MTX
D2526
MA8056MTX
K1
TO
G-BOARD
(G1)
GND
R_LED_ON/STBY_LED
GND
PSM_LEDR
REMOCON
SUB5V
Modem_LED/KEY3
Active_STB_LED
STBY3.3V
AI_SENSOR
GND
G_LED_ON
GND
HC-BOARD TNPA3766
HC01
FOR
FACTORY
USE
HC
22
HC
12
HC
21
HC
15
TO
DG-BOARD
(DG15)
JS3404
JS3405
STBY3.3V
IIC_CONT
IIC_CLK2
IIC_DATA2
TXD
RXD
IIC/INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
G_LED
R_LED
REMOCON
STB5V
P15V
SRQ1
SCL0A
SDA0A
GND
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
SD_RX
SD_TX
DTV_EEP_SDA
DTV_EEP_SCL
SCL1
SDA1
TA-BOARD TNPA3767 (PV60E)
TNPA3767AB (PX60B)
TU001
60E:ENG37A12GF
60B:ENGF7302GF
TUNER
SUFFIX
JS001
ERJ3GEY0R00V
PX60B ONLY
PV60E
ONLY
Q002
2SA2070OL
TA5
TO
H-BOARD
(H5)
TA6
TO
H-BOARD
(H6)
GND
SUB5V
NC
RFAGC1
AFT1
AM
SIF
TV_V1
TV_V1_GND
SUB30V
SCL 0B
SDA 0B
BM
RF_AGC
SCL
SDA
AFT
AUDIO_OUT
SIF_OUT
BTL
VIDEO_OUT
GK-BOARD TNPA3848AD
SW3753
EVQ11G05R
STR
SW3754
EVQ11G05R
F
SW3755
EVQ11G05R
-/
SW3756
EVQ11G05R
+/
SW3757
EVQ11G05R
TV/AV
GK3
TO
G-BOARD
(G3)
GND
KEY
KEY2/KEYEDGE

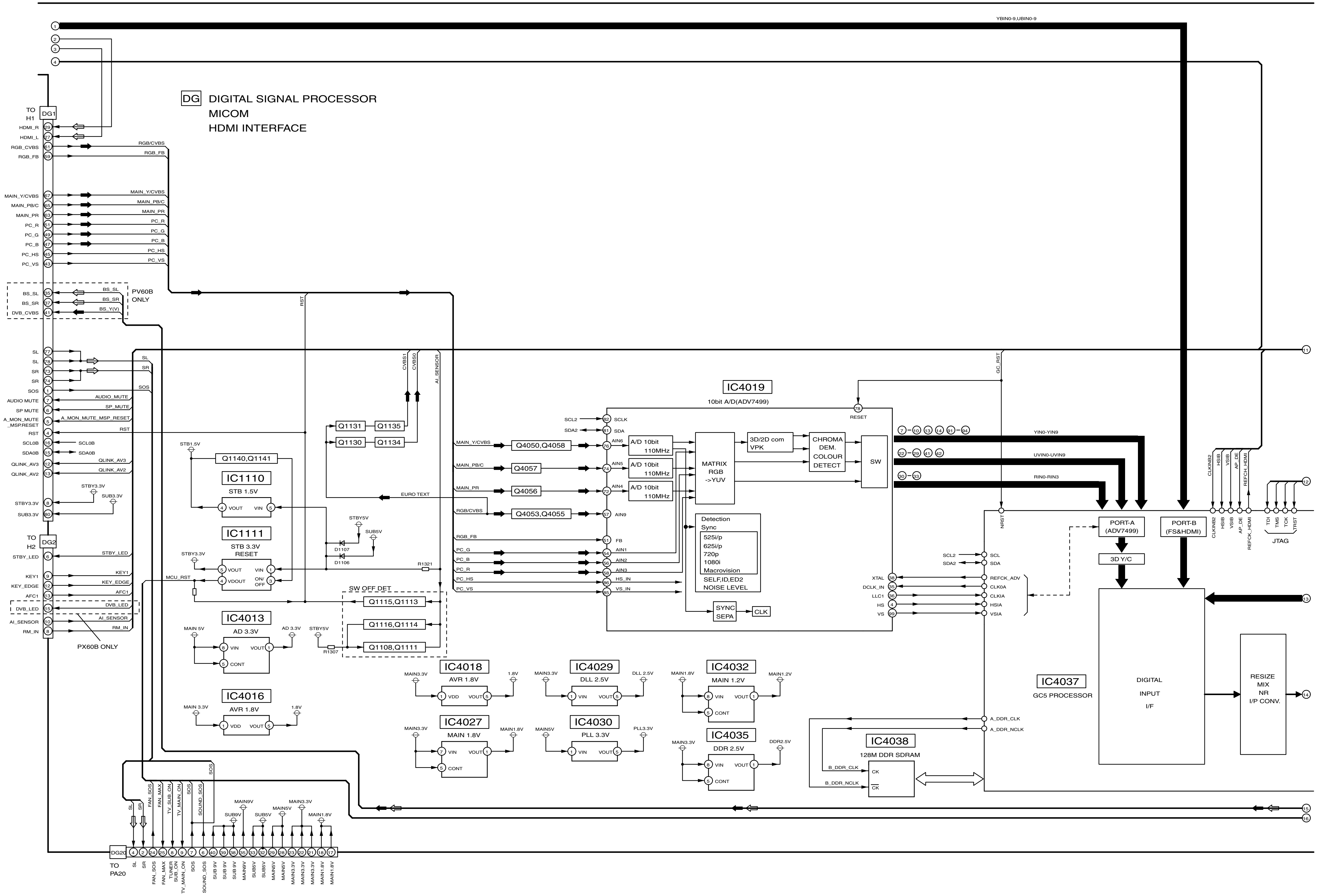
TH-37/42PV60E, TH-37/42PX60B GK, K, HC and TA-Board Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
GK, K, HC and TA-Board Schematic Diagram

14.29. DG-Board (1 of 3) Block Diagram


DG
DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
MAIN 5V
HOTPLUG
Q4066
HPD1
Q4067
HDMI_5V_DET1
Q4082
AUDIO MUTE AND 5V DET
Hi;MUTE
Low;DETECT HPD5V
CABLE IN;Hi/NORM
CABLE OUT;LOW/MUTE
Q4069
HDMI_WP
IC4023
EEPROM
WC
SDA
SCL
DDC_SDA0
DDC_SCL0
D1
D2
S1
S2
3.3V_SDA
3.3V_SCL
Q4070
5V
3.3V
HDMI_RST
HDMI_INT
DSCL0
DSDA0
RESET
INT
R0PWR5V
IC4026
HDMI I/F RECEIVER
MUTE OUT
H:MUTE
MUTE_OUT
MCLK
SCK
SD0
WS
AUDIO INTERFACE
VIDEO INTERFACE
TMDS DATA RECEIVER AND TMDS DECODER
HDCP CIPHER DECRYPTOR
ROX2+
ROX2-
ROX1+
ROX1-
ROX0+
ROX0-
ROXC+
ROXC-
DG9
HDMI 1 IN
D2+
D2G
D2-
D1+
D1G
D1-
D0+
D0G
D0-
CLK+
CLKG
CLK-
CEC
N.C.
SCL
DDC DATA
DDCG
+5V
HPDT
CPU
YBIN0-YBIN9
UBIN0-UBIN9
(TO GC5 PORT-B)
MAIN 1.8V
MAIN 3.3V
ODCK
HSYNC
VSYNC
DE
XTALIN
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
CSDA
CSCL
SDA1
SCL1
DSDA1
DSCL1
R1PWR5V
TMDS DATA RECEIVE AND TMDS DECODER
R1X2+
R1X2-
R1X1+
R1X1-
R1X0+
R1X0-
R1XC+
R1XC-
DG8
HDMI 2 IN
Q4084
Q4071
DDC_SDA1
DDC_SCL1
IC4022
EEPROM
HDMI_CEC
CABLE IN;Hi/NORM
CABLE OUT;LOW/MUTE
Q4083
AUDIO MUTE AND 5V DET
Hi;MUTE
Low;DETECT HPD5V
Q4068
HDMI_5V_DET
HOTPLUG
Q4065
HPD2
IC4025
AUDIO DAC
RX_MCLK
RX_SCK
RX_SD0
RX_WS
MCLK
SMUTE
BICK
SDTI
LRCK
Clock Divider
μ P INTERFACE
AUDIO Data INTERFACE
8X Interpolator
Δ Σ Modulator
AOUTR
AOUTL
PDN
HDMI_DAC_PD
IC4027
MAIN 3.3V
MAIN1.8V
MAIN 1.8V
VIN
VOUT
CONT
IC4028
AUDIO AMP
MAIN9V
R
L
1
2
3
4

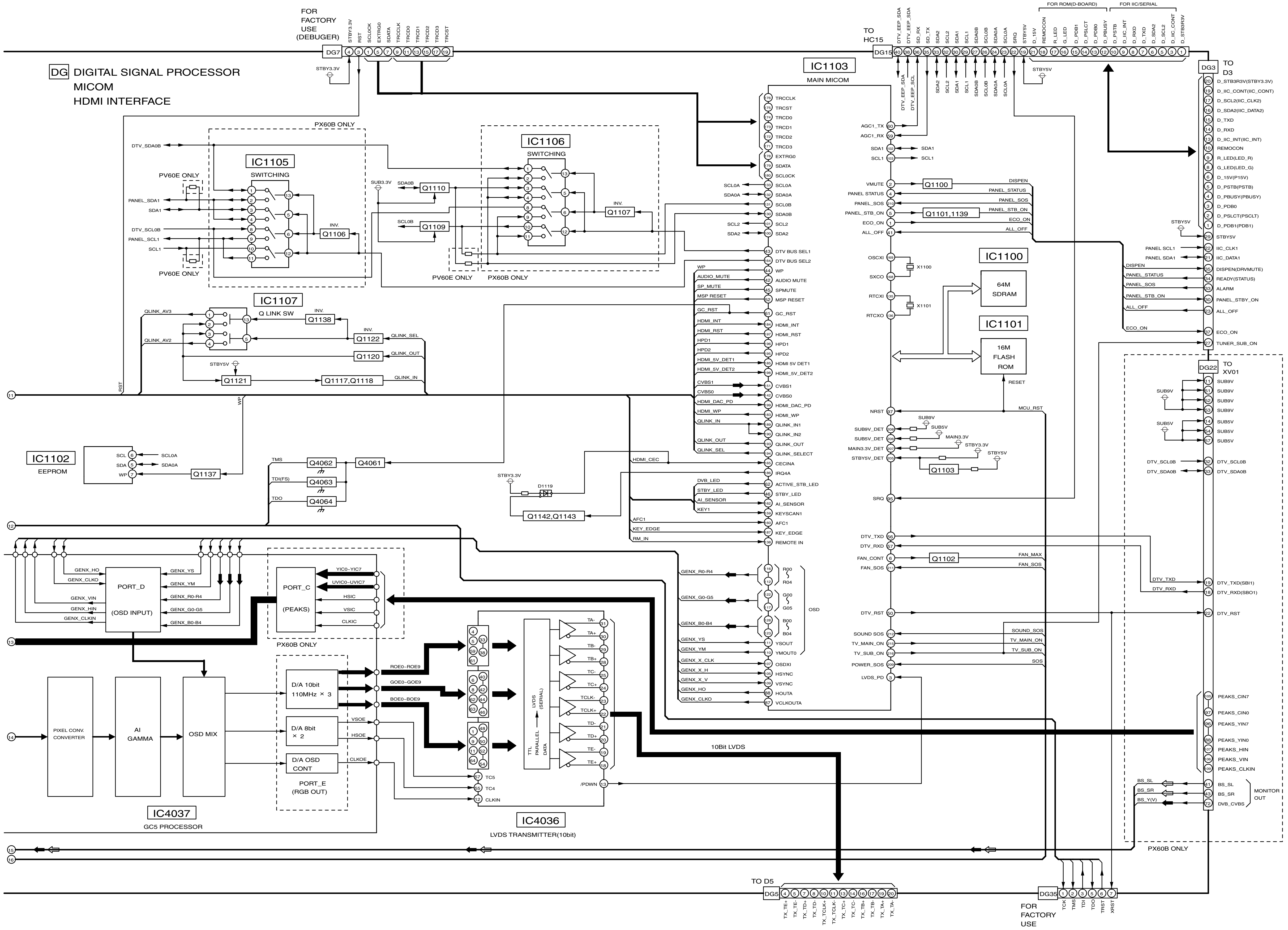
14.30. DG-Board (2 of 3) Block Diagram


DG
DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
YBIN0-9,UBIN0-9
TO H1
DG1
HDMI_R 29
HDMI_L 27
RGB_CVBS 61
RGB_FB 59
MAIN_Y/CVBS 67
MAIN_PB/C 65
MAIN_PR 63
PC_R 51
PC_G 49
PC_B 47
PC_HS 45
PC_VS 43
RGB/CVBS
RGB_FB
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
PC_R
PC_G
PC_B
PC_HS
PC_VS
BS_SL 35
BS_SR 37
DVB_CVBS 41
BS_SL
BS_SR
BS_Y(V)
PV60B ONLY
SL 77
SL 78
SR 73
SR 74
SOS 1
AUDIO MUTE 7
SP MUTE 6
A_MON_MUTE _MSP.RESET 5
RST 4
SCL0B 16
SDA0B 15
QLINK_AV3 12
QLINK_AV2 13
STBY3.3V 8
SUB3.3V 80
SL
SR
SOS
AUDIO_MUTE
SP_MUTE
A_MON_MUTE_MSP_RESET
RST
SCL0B
SDA0B
QLINK_AV3
QLINK_AV2
STBY3.3V
SUB3.3V
TO H2
DG2
STBY_LED 6
KEY1 9
KEY_EDGE 12
AFC1 13
DVB_LED 15
AI_SENSOR 10
RM_IN 8
STBY_LED
KEY1
KEY_EDGE
AFC1
DVB_LED
AI_SENSOR
RM_IN
PX60B ONLY
RST
CVBS1
CVBS0
AI_SENSOR
Q1131
Q1135
Q1130
Q1134
STB1.5V
Q1140,Q1141
IC1110
STB 1.5V
VOUT
VIN
IC1111
STB 3.3V RESET
STBY3.3V
VOUT
VIN
VDOUT
ON/OFF
MCU_RST
EURO TEXT
STBY5V
SUB5V
D1107
D1106
R1321
SW OFF DET
Q1115,Q1113
Q1116,Q1114
Q1108,Q1111
IC4013
AD 3.3V
MAIN 5V
AD 3.3V
STBY5V
VIN
VOUT
CONT
R1307
IC4016
AVR 1.8V
MAIN 3.3V
1.8V
VDD
VOUT
IC4018
AVR 1.8V
MAIN3.3V
1.8V
IC4027
MAIN 1.8V
MAIN3.3V
MAIN1.8V
IC4029
DLL 2.5V
MAIN3.3V
DLL 2.5V
IC4030
PLL 3.3V
MAIN5V
PLL3.3V
IC4032
MAIN 1.2V
MAIN1.8V
MAIN1.2V
IC4035
DDR 2.5V
MAIN3.3V
DDR2.5V
IC4019
10bit A/D(ADV7499)
SCL2
SDA2
SCLK 82
SDA 81
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
RGB/CVBS
RGB_FB
PC_G
PC_B
PC_R
PC_HS
PC_VS
Q4050,Q4058
Q4057
Q4056
Q4053,Q4055
AIN6 76
AIN5 74
AIN4 72
AIN9 57
FB 51
AIN1 54
AIN2 56
AIN3 58
HS_IN 86
VS_IN 85
A/D 10bit 110MHz
MATRIX RGB ->YUV
3D/2D com VPK
CHROMA DEM. COLOUR DETECT
SW
Detection Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2
NOISE LEVEL
SYNC SEPA
CLK
RESET 78
GC_RST
7–10 13 14 91–94
YIN0-YIN9
22–29 41 42
UVIN0-UVIN9
30–33
RIN0-RIN3
XTAL 38
DCLK_IN 35
LLC1 36
HS 4
VS 99
NRST
SCL
SDA
REFCK_ADV
CLK0A
CLKIA
HSIA
VSIA
PORT-A (ADV7499)
PORT-B (FS&HDMI)
3D Y/C
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
REFCK_HDMI
TDI
TMS
TCK
TRST
JTAG
IC4037
GC5 PROCESSOR
DIGITAL INPUT I/F
RESIZE MIX NR I/P CONV.
A_DDR_CLK
A_DDR_NCLK
IC4038
128M DDR SDRAM
B_DDR_CLK
B_DDR_NCLK
CK
CK
1
2
3
4
11
12
13
14
15
16
SOS
SL
SR
FAN_SOS
FAN_MAX
TV_SUB_ON
TV_MAIN_ON
SOS
SOUND_SOS
MAIN9V
SUB9V
SUB5V
MAIN5V
MAIN3.3V
MAIN1.8V
DG20
TO PA20
4 SL
2 SR
24 FAN_SOS
25 FAN_MAX
8 TUNER SUB_ON
9 TV_MAIN_ON
7 SOS
6 SOUND_SOS
40 SUB 9V
39 SUB 9V
38 SUB 9V
35 MAIN9V
33 SUB5V
32 SUB5V
29 MAIN5V
28 MAIN5V
23 MAIN3.3V
22 MAIN3.3V
21 MAIN3.3V
18 MAIN1.8V
17 MAIN1.8V

TH-37/42PV60E, TH-37/42PX60B
DG-Board Block (2 of 3) Diagram

TH-37/42PV60E, TH-37/42PX60B
DG-Board (2 of 3) Block Diagram

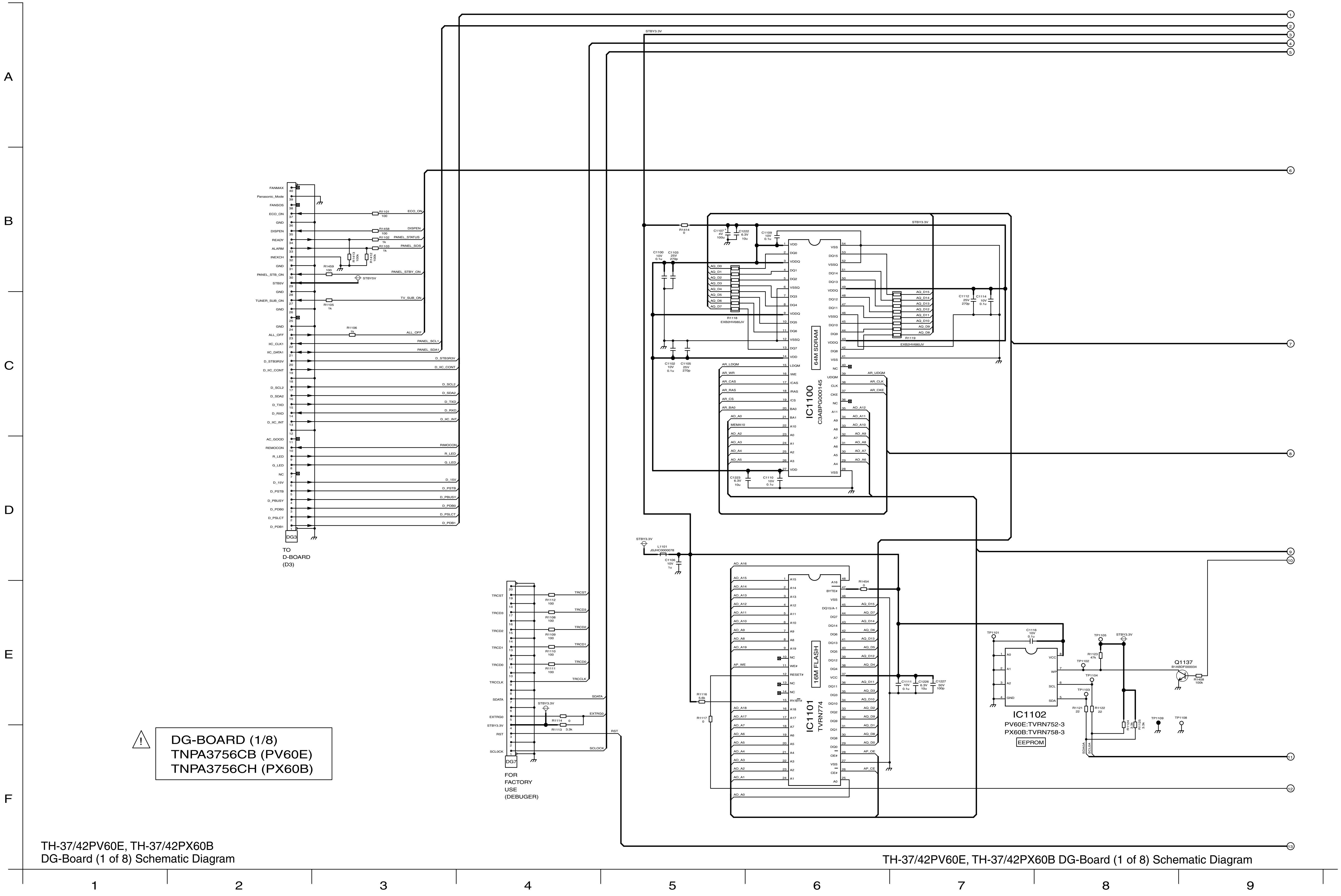
14.31. DG-Board (3 of 3) Block Diagram


DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
FOR FACTORY USE (DEBUGER)
DG7
TO HC15
DG15
TO D3
DG3
IC1103
MAIN MICOM
IC1105
SWITCHING
IC1106
SWITCHING
IC1107
Q LINK SW
IC1102
EEPROM
IC1100
64M SDRAM
IC1101
16M FLASH ROM
RESET
PX60B ONLY
PV60E ONLY
Q1110
Q1109
Q1107
Q1106
Q1138
Q1122
Q1120
Q1121
Q1117,Q1118
Q1137
Q4062
Q4061
Q4063
Q4064
Q1142,Q1143
Q1100
Q1101,1139
Q1103
Q1102
PORT_D
(OSD INPUT)
PORT_C
(PEAKS)
D/A 10bit
110MHz × 3
D/A 8bit
× 2
D/A OSD CONT
PORT_E
(RGB OUT)
PIXEL CONV. CONVERTER
AI GAMMA
OSD MIX
IC4037
GC5 PROCESSOR
IC4036
LVDS TRANSMITTER(10bit)
LVDS (SERIAL)
TTL PARALLEL DATA
10Bit LVDS
OSD
TO D5
DG5
FOR FACTORY USE
DG35
TO XV01
DG22
MONITOR OUT
FOR ROM(D-BOARD)
FOR IIC/SERIAL

TH-37/42PV60E, TH-37/42PX60B
DG-Board Block (3 of 3) Diagram

TH-37/42PV60E, TH-37/42PX60B
DG-Board (3 of 3) Block Diagram

14.32. DG-Board (1 of 8) Schematic Diagram

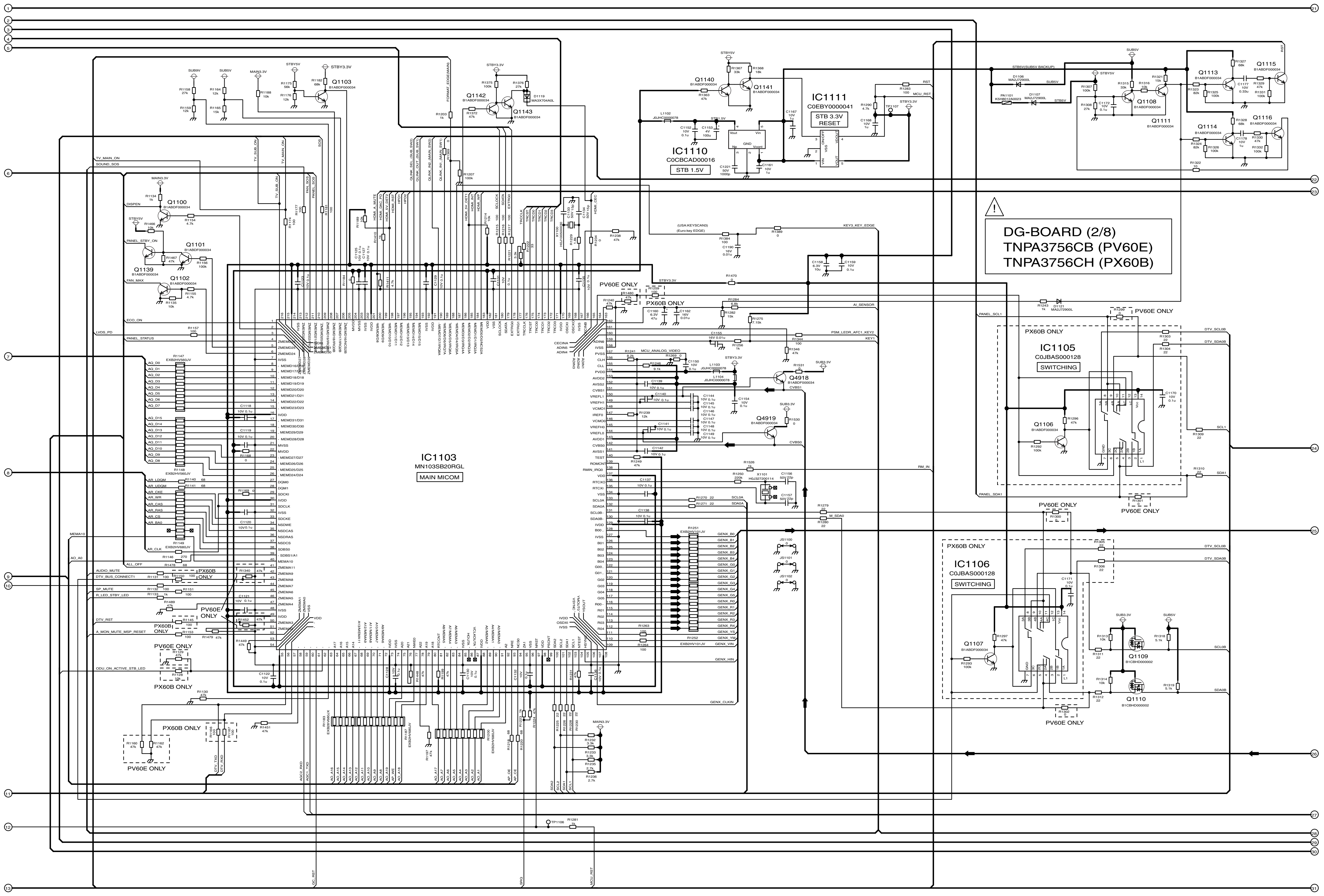

A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
STBY3.3V
DG3
TO
D-BOARD
(D3)
FANMAX
Panasonic_Mode
FANSOS
ECO_ON
GND
DISPEN
READY
ALARM
INEXCH
PANEL_STB_ON
STBSV
TUNER_SUB_ON
ALL_OFF
IIC_CLK1
IIC_DATA1
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
AC_GOOD
REMOCON
R_LED
G_LED
NC
D_15V
D_PSTB
D_PBUSY
D_PDB0
D_PSLCT
D_PDB1
PANEL_STATUS
PANEL_SOS
PANEL_STBY_ON
TV_SUB_ON
PANEL_SCL1
PANEL_SDA1
RIMOCON
IC1100
C3ABPG000145
64M SDRAM
R1118
EXB2HV680JV
R1119
EXB2HV680JV
IC1101
TVRN774
16M FLASH
L1101
J0JHC0000078
DG7
FOR
FACTORY
USE
(DEBUGER)
TRCST
TRCD3
TRCD2
TRCD1
TRCD0
TRCCLK
SDATA
EXTRG0
RST
SCLOCK
IC1102
PV60E:TVRN752-3
PX60B:TVRN758-3
EEPROM
Q1137
B1ABDF000034
TP1101
TP1102
TP1103
TP1104
TP1105
TP1108
TP1109
1
2
3
4
5
6
7
8
9
10
11
12
13

! DG-BOARD (1/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)

TH-37/42PV60E, TH-37/42PX60B
DG-Board (1 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B DG-Board (1 of 8) Schematic Diagram

14.33. DG-Board (2 of 8) Schematic Diagram

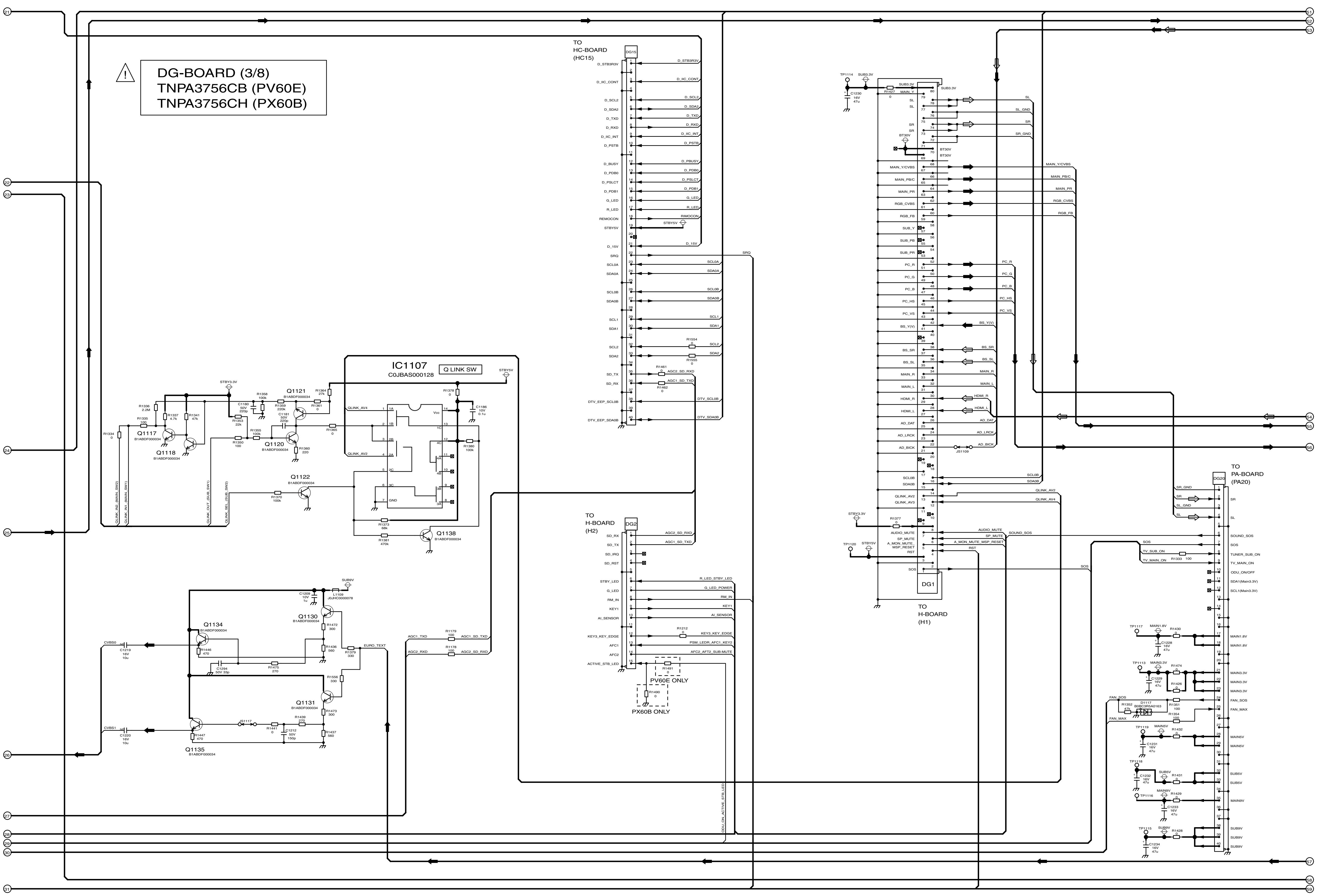

DG-BOARD (2/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)
IC1103
MN103SB20RGL
MAIN MICOM
IC1110
C0CBCAD00016
STB 1.5V
IC1111
C0EBY0000041
STB 3.3V
RESET
IC1105
C0JBAS000128
SWITCHING
IC1106
C0JBAS000128
SWITCHING
Q1100
Q1101
Q1102
Q1103
Q1106
Q1107
Q1108
Q1109
Q1110
Q1111
Q1113
Q1114
Q1115
Q1116
Q1139
Q1140
Q1141
Q1142
Q1143
Q4918
Q4919
PV60E ONLY
PX60B ONLY
STBY3.3V
STBY5V
SUB5V
SUB9V
MAIN3.3V
SUB3.3V
TV_MAIN_ON
SOUND_SOS
DISPEN
PANEL_STBY_ON
FAN_MAX
ECO_ON
LVDS_PD
PANEL_STATUS
AUDIO_MUTE
DTV_BUS_CONNECT1
SP_MUTE
R_LED_STBY_LED
DTV_RST
A_MON_MUTE_MSP_RESET
ODU_ON_ACTIVE_STB_LED
KEY3_KEY_EDGE
AI_SENSOR
PSM_LEDR_AFC1_KEY2
KEY1
RM_IN
PANEL_SCL1
PANEL_SDA1
DTV_SCL0B
DTV_SDA0B
SCL1
SDA1
SCL0B
SDA0B
GENX_CLKIN
MCU_RST
RST
1
2
3
4
5
6
7
8
9
10
11
12
13
21
22
23
24
25
26
27
28
29
30
31

TH-37/42PV60E, TH-37/42PX60B DG-Board (2 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B DG-Board (2 of 8) Schematic Diagram

10 11 12 13 14 15 16 17 18

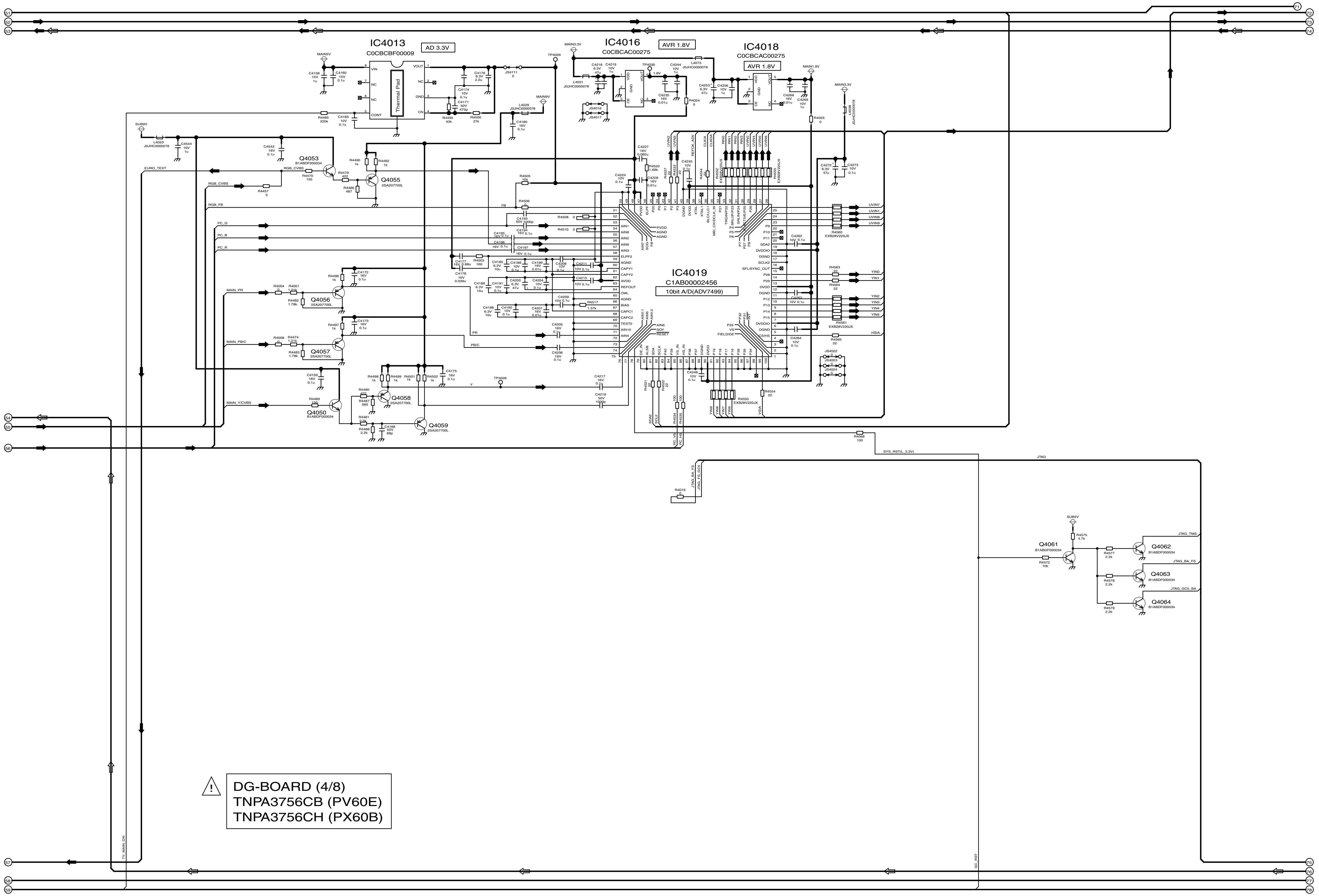
14.34. DG-Board (3 of 8) Schematic Diagram


DG-BOARD (3/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)
21
22
23
24
25
26
27
28
29
30
31
51
52
53
54
55
56
57
58
59
TO
HC-BOARD
(HC15)
DG15
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
D_PSTB
D_BUSY
D_PBUSY
D_PDB0
D_PSLCT
D_PDB1
G_LED
R_LED
REMOCON
RIMOCON
STBY5V
D_15V
SRQ
SCL0A
SDA0A
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
R1554
0
R1555
0
SD_TX
SD_RX
R1461
0
R1462
0
AGC2_SD_RXD
AGC1_SD_TXD
DTV_EEP_SCL0B
DTV_EEP_SDA0B
DTV_SCL0B
DTV_SDA0B
IC1107
C0JBAS000128
Q LINK SW
STBY5V
STBY3.3V
Q1117
B1ABDF000034
Q1118
B1ABDF000034
Q1120
B1ABDF000034
Q1121
B1ABDF000034
Q1122
B1ABDF000034
Q1138
B1ABDF000034
R1334
0
R1335
100
R1336
2.2M
R1337
4.7k
R1341
47k
R1350
100
R1353
22k
R1355
100k
R1358
100k
R1359
220k
R1360
220
R1361
0
R1364
27k
R1365
0
R1370
100k
R1373
68k
R1378
0
R1380
100k
R1381
470k
C1180
50V
220p
C1181
50V
220p
C1186
10V
0.1u
QLINK_AV4
QLINK_AV2
1 1A
2 1B
3 2B
4 2A
5 2C
6 3C
7 GND
8 3A
9 3B
10 4B
11 4A
12 4C
13 1C
14 Vcc
QLINK_IN2_(MAIN_SW2)
QLINK_IN1_(MAIN_SW1)
QLINK_OUT_(SUB_SW1)
QLINK_SEL_(SUB_SW2)
SUB9V
C1209
10V
1u
L1109
J0JHC0000078
Q1130
B1ABDF000034
Q1131
B1ABDF000034
Q1134
B1ABDF000034
Q1135
B1ABDF000034
R1472
300
R1436
560
R1379
330
R1446
470
R1475
270
R1556
330
R1473
300
R1439
270
R1441
0
R1437
560
R1447
470
C1294
50V 33p
C1212
50V
150p
JS1117
CVBS0
C1219
16V
10u
CVBS1
C1220
16V
10u
EURO_TEXT
AGC1_TXD
AGC2_RXD
R1179
100
R1178
100
AGC1_SD_TXD
AGC2_SD_RXD
TO
H-BOARD
(H2)
DG2
SD_RX
SD_TX
SD_IRQ
SD_RST
STBY_LED
G_LED
RM_IN
KEY1
AI_SENSOR
KEY3_KEY_EDGE
AFC1
AFC2
ACTIVE_STB_LED
R_LED_STBY_LED
G_LED_POWER
R1212
0
PSM_LEDR_AFC1_KEY2
AFC2_AFT2_SUB-MUTE
R1491
0
PV60E ONLY
R1490
0
PX60B ONLY
ODU_ON_ACTIVE_STB_LED
TP1114
SUB3.3V
C1230
16V
47u
R1427
0
MAIN_Y
SL
SL_GND
SR
SR_GND
BT30V
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
RGB_CVBS
RGB_FB
SUB_Y
SUB_PB
SUB_PR
PC_R
PC_G
PC_B
PC_HS
PC_VS
BS_Y(V)
BS_SR
BS_SL
MAIN_R
MAIN_L
HDMI_R
HDMI_L
AD_DAT
AD_LRCK
AD_BICK
JS1109
SCL0B
SDA0B
QLINK_AV2
QLINK_AV3
QLINK_AV4
STBY3.3V
R1377
0
AUDIO_MUTE
SP_MUTE
A_MON_MUTE_
MSP_RESET
A_MON_MUTE_MSP_RESET
RST
SOS
SOUND_SOS
TP1120
STBY5V
DG1
TO
H-BOARD
(H1)
TO
PA-BOARD
(PA20)
DG20
SR_GND
SR
SL_GND
SL
SOUND_SOS
SOS
TV_SUB_ON
TUNER_SUB_ON
TV_MAIN_ON
R1333 100
ODU_ON/OFF
SDA1(Main3.3V)
SCL1(Main3.3V)
TP1117
MAIN1.8V
R1430
0
C1228
16V
47u
TP1113
MAIN3.3V
R1474
0
R1426
0
C1229
16V
47u
FAN_SOS
FAN_MAX
R1352
47k
D1117
B0BC3R5A0163
R1351
100
R1354
100
TP1119
MAIN5V
R1432
0
C1231
16V
47u
TP1118
SUB5V
R1431
0
C1232
16V
47u
TP1116
MAIN9V
R1429
0
C1233
16V
47u
TP1115
SUB9V
R1428
0
C1234
16V
47u
19
20
21
22
23
24
25
26
27

TH-37/42PV60E, TH-37/42PX60B DG-Board (3 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B DG-Board (3 of 8) Schematic Diagram

14.35. DG-Board (4 of 8) Schematic Diagram

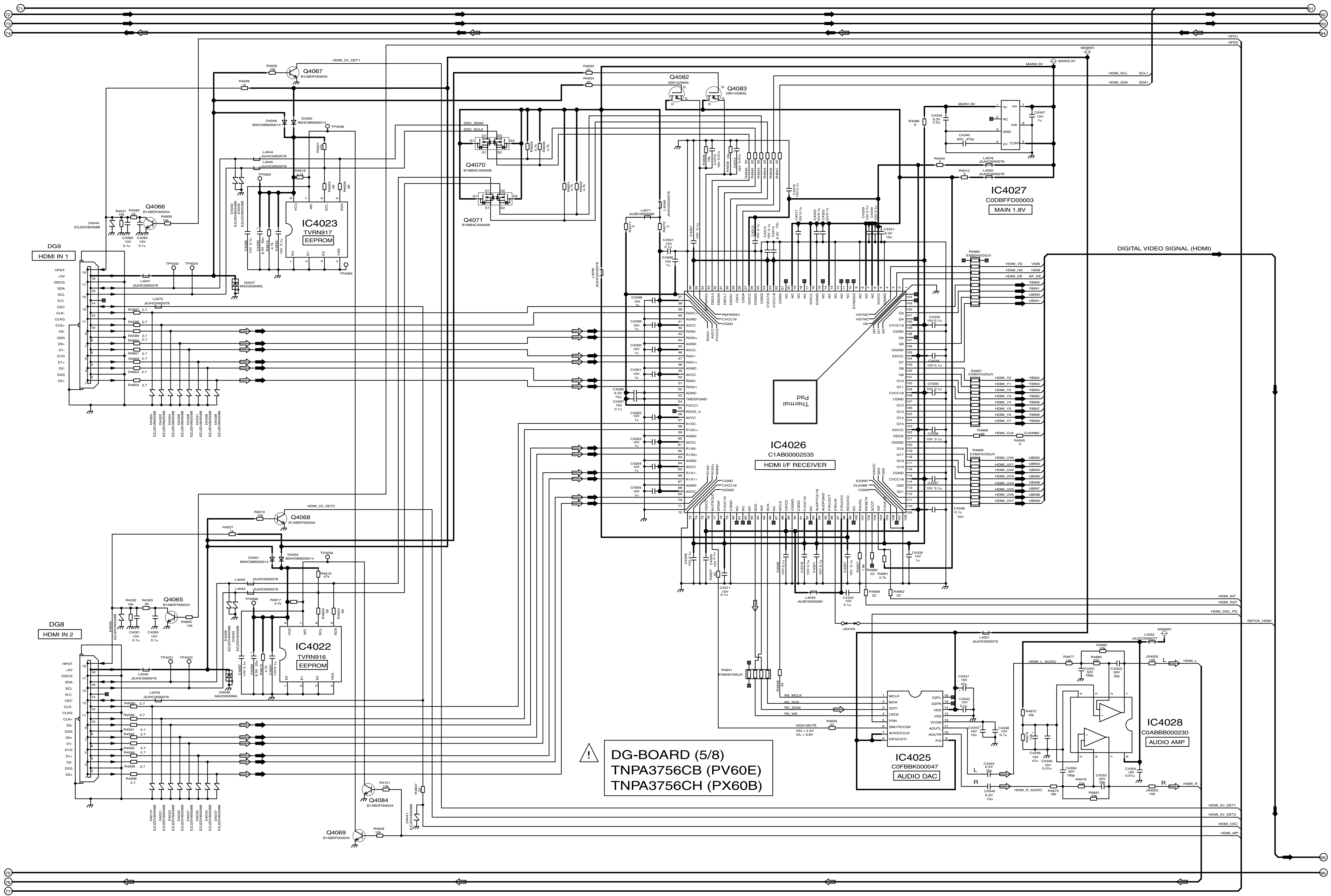

IC4013
C0CBCBF00009
AD 3.3V
Thermal Pad
VIN
NC
CONT
VOUT
GND
CN
IC4016
C0CBCAC00275
AVR 1.8V
IC4018
C0CBCAC00275
AVR 1.8V
MAIN5V
MAIN3.3V
MAIN1.8V
MAIN9V
SUB9V
SUB5V
TP4029
TP4030
TP4028
Q4053
B1ABDF000034
Q4055
2SA2077OOL
Q4056
2SA2077OOL
Q4057
2SA2077OOL
Q4058
2SA2077OOL
Q4059
2SA2077OOL
Q4050
B1ABDF000034
Q4061
B1ABDF000034
Q4062
B1ABDF000034
Q4063
B1ABDF000034
Q4064
B1ABDF000034
EURO_TEXT
RGB_CVBS
RGB_FB
PC_G
PC_B
PC_R
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
PR
PB/C
Y
FB
IC4019
C1AB00002456
10bit A/D(ADV7499)
UVIN7
UVIN1
UVIN8
UVIN9
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
HSIA
SYS_RST(L_3.3V)
JTAG
JTAG_TMS
JTAG_BA_FS
JTAG_GCS_BA
TV_MAIN_ON
GC_RST
PC_VS
PC_HS
(51)
(52)
(53)
(54)
(55)
(56)
(57)
(58)
(59)
(71)
(72)
(73)
(74)
(75)
(76)
(77)
(78)
DG-BOARD (4/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)

TH-37/42PV60E, TH-37/42PX60B DG-Board (4 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B DG-Board (4 of 8) Schematic Diagram

28 29 30 31 32 33 34 35 36

14.36. DG-Board (5 of 8) Schematic Diagram

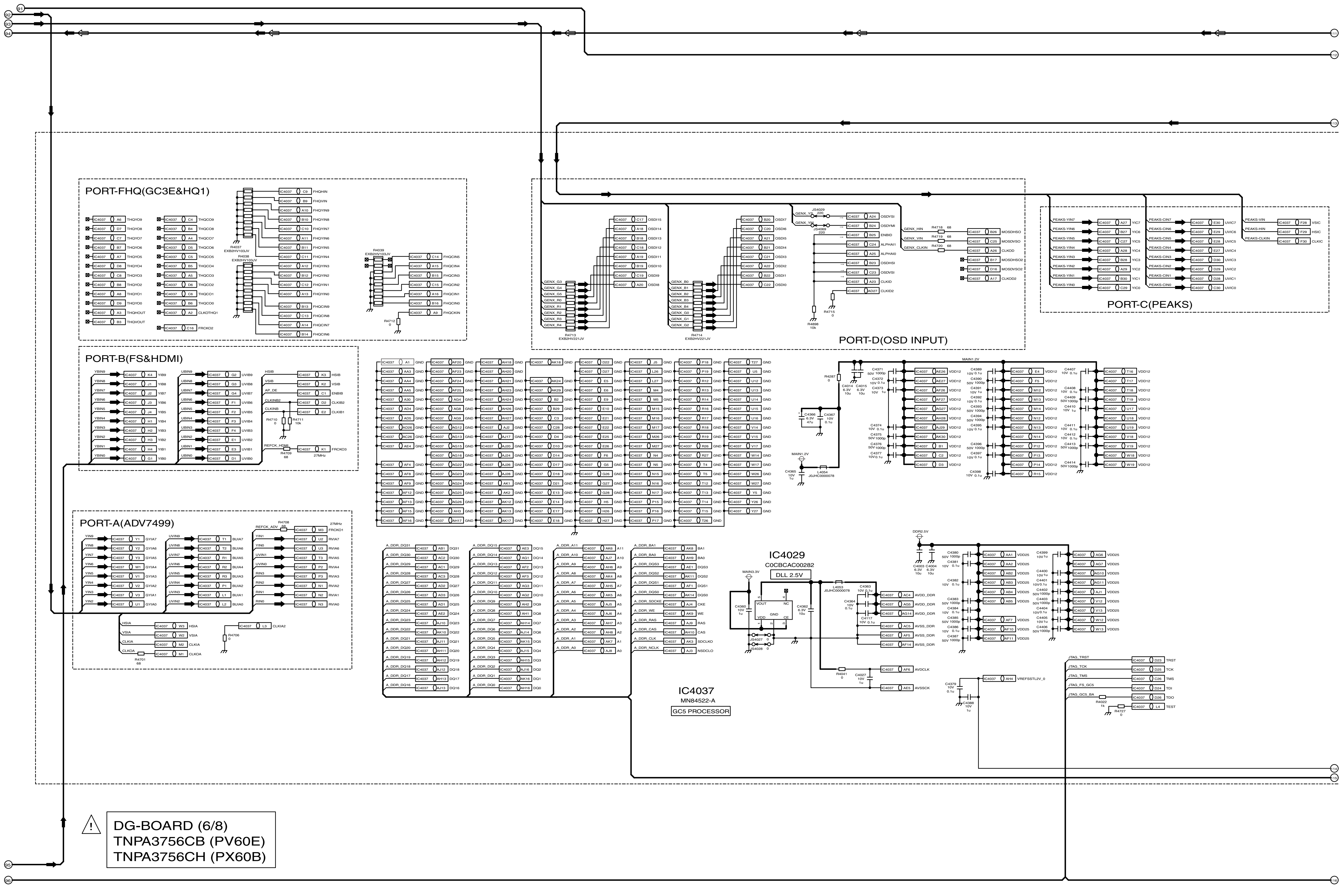

DG9
HDMI IN 1
DG8
HDMI IN 2
IC4023
TVRN917
EEPROM
IC4022
TVRN916
EEPROM
Q4066
Q4067
Q4065
Q4068
Q4070
Q4071
Q4082
Q4083
Q4084
Q4069
IC4026
C1AB00002535
HDMI I/F RECEIVER
Thermal Pad
IC4027
C0DBFFD00003
MAIN 1.8V
DIGITAL VIDEO SIGNAL (HDMI)
IC4025
C0FBBK000047
AUDIO DAC
IC4028
C0ABBB000230
AUDIO AMP
HDMI_5V_DET1
HDMI_5V_DET2
HDMI_SCL
HDMI_SDA
HDMI_INT
HDMI_RST
HDMI_DAC_PD
REFCK_HDMI
HDMI_L
HDMI_R
HDMI_CEC
HDMI_WP
MAIN5V
MAIN3.3V
MAIN9V
DG-BOARD (5/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)

TH-37/42PV60E, TH-37/42PX60B DG-Board (5 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B DG-Board (5 of 8) Schematic Diagram

37	38	39	40	41	42	43	44	45

14.37. DG-Board (6 of 8) Schematic Diagram

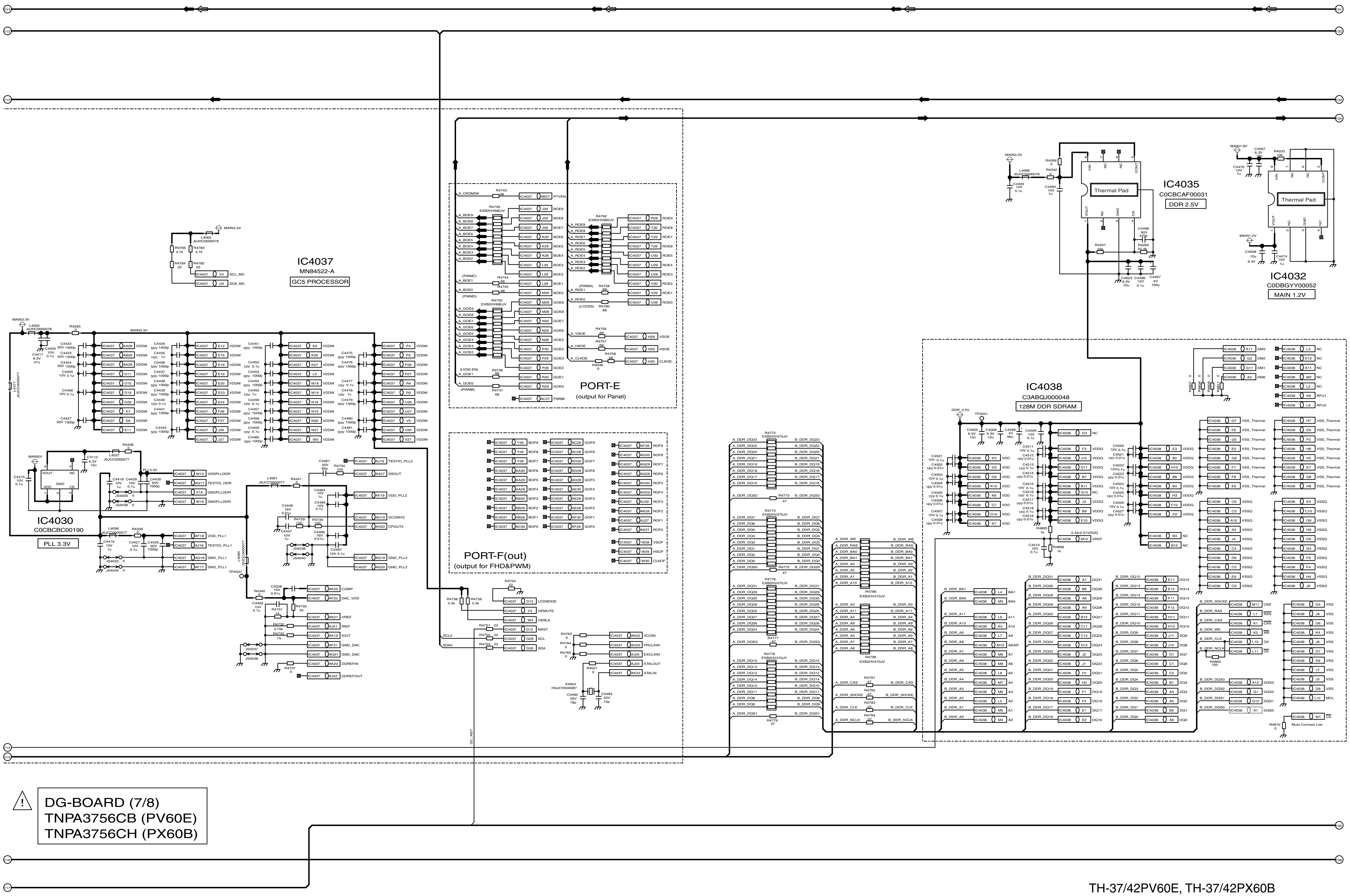

PORT-FHQ(GC3E&HQ1)
PORT-B(FS&HDMI)
PORT-A(ADV7499)
PORT-D(OSD INPUT)
PORT-C(PEAKS)
IC4029
C0CBCAC00282
DLL 2.5V
IC4037
MN84522-A
GC5 PROCESSOR
MAIN1.2V
DDR2.5V
MAIN3.3V
DG-BOARD (6/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)

TH-37/42PV60E, TH-37/42PX60B DG-Board (6 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B DG-Board (6 of 8) Schematic Diagram

46	47	48	49	50	51	52	53	54

14.38. DG-Board (7 of 8) Schematic Diagram

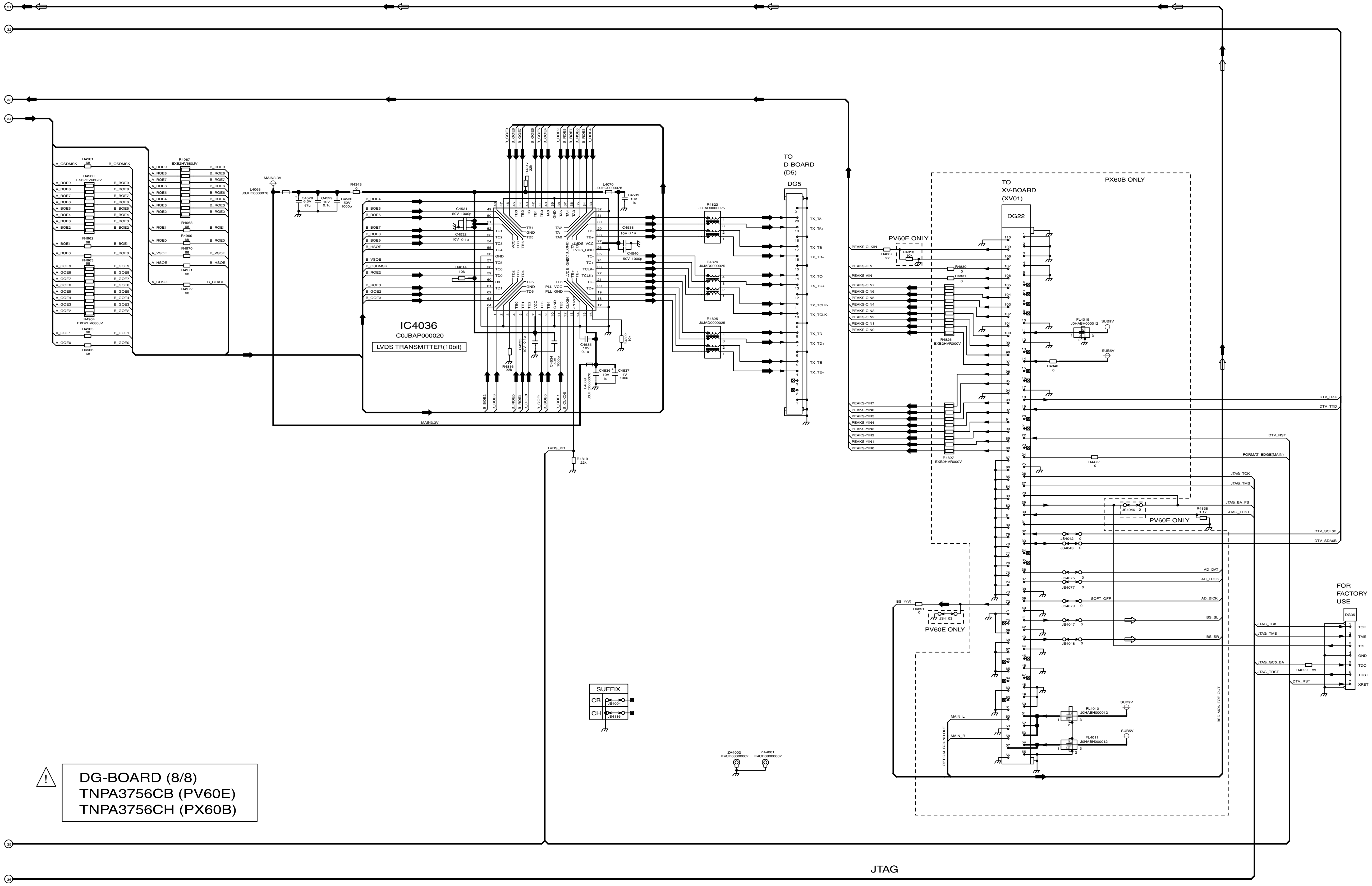

IC4037
MN84522-A
GC5 PROCESSOR
IC4030
C0CBCBC00190
PLL 3.3V
PORT-E
(output for Panel)
PORT-F(out)
(output for FHD&PWM)
IC4035
C0CBCAF00031
DDR 2.5V
Thermal Pad
IC4032
C0DBGYY00052
MAIN 1.2V
IC4038
C3ABQJ000048
128M DDR SDRAM
MAIN3.3V
MAIN5V
MAIN1.8V
MAIN1.2V
DDR_2.5V

DG-BOARD (7/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)

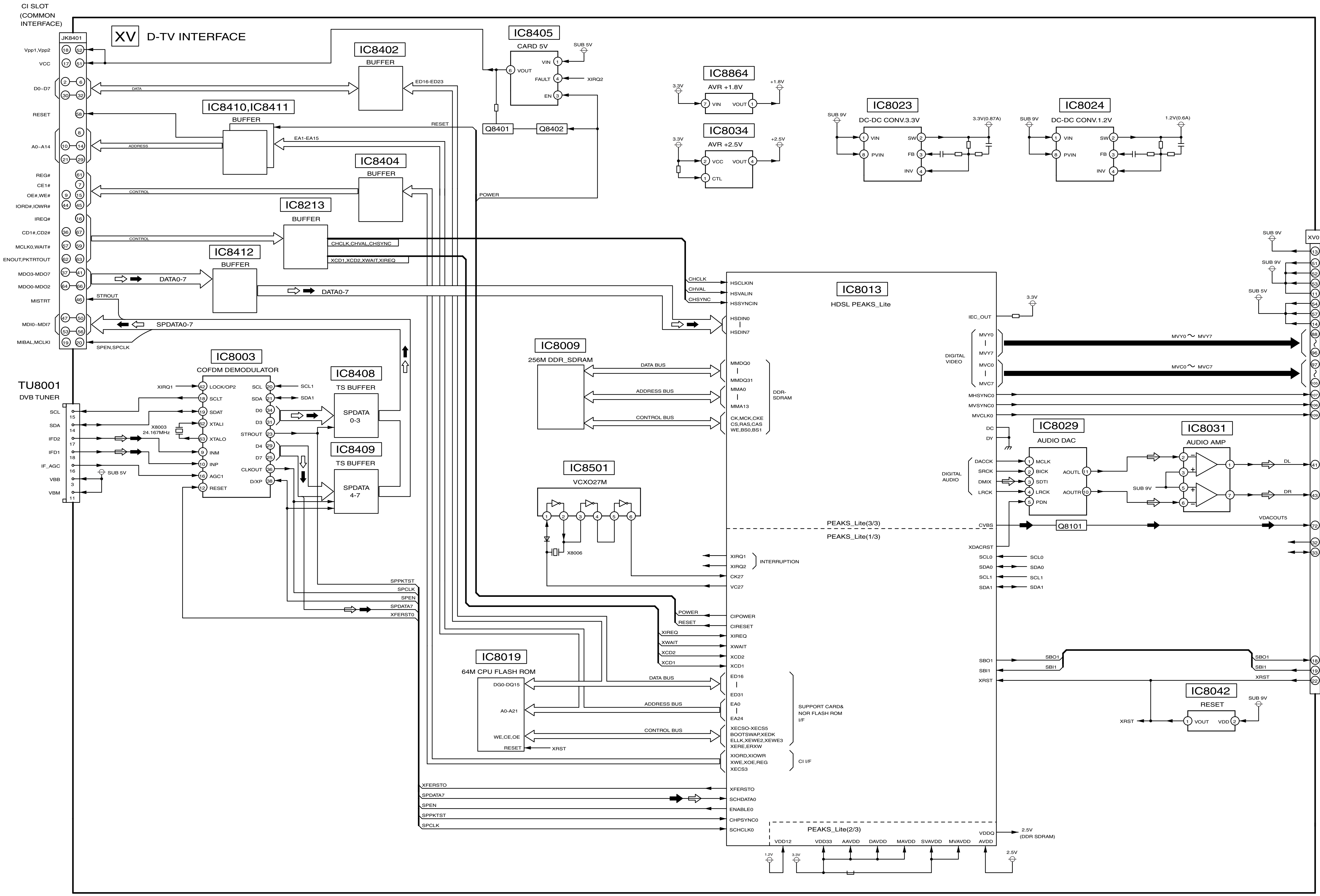
TH-37/42PV60E, TH-37/42PX60B DG-Board (7 of 8) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
DG-Board (7 of 8) Schematic Diagram

14.39. DG-Board (8 of 8) Schematic Diagram


IC4036
C0JBAP000020
LVDS TRANSMITTER(10bit)
MAIN3.3V
TO
D-BOARD
(D5)
DG5
TO
XV-BOARD
(XV01)
DG22
PX60B ONLY
PV60E ONLY
PV60E ONLY
PV60E ONLY
FOR
FACTORY
USE
DG35
TCK
TMS
TDI
GND
TDO
TRST
XRST
SUFFIX
CB
CH
JTAG
DG-BOARD (8/8)
TNPA3756CB (PV60E)
TNPA3756CH (PX60B)

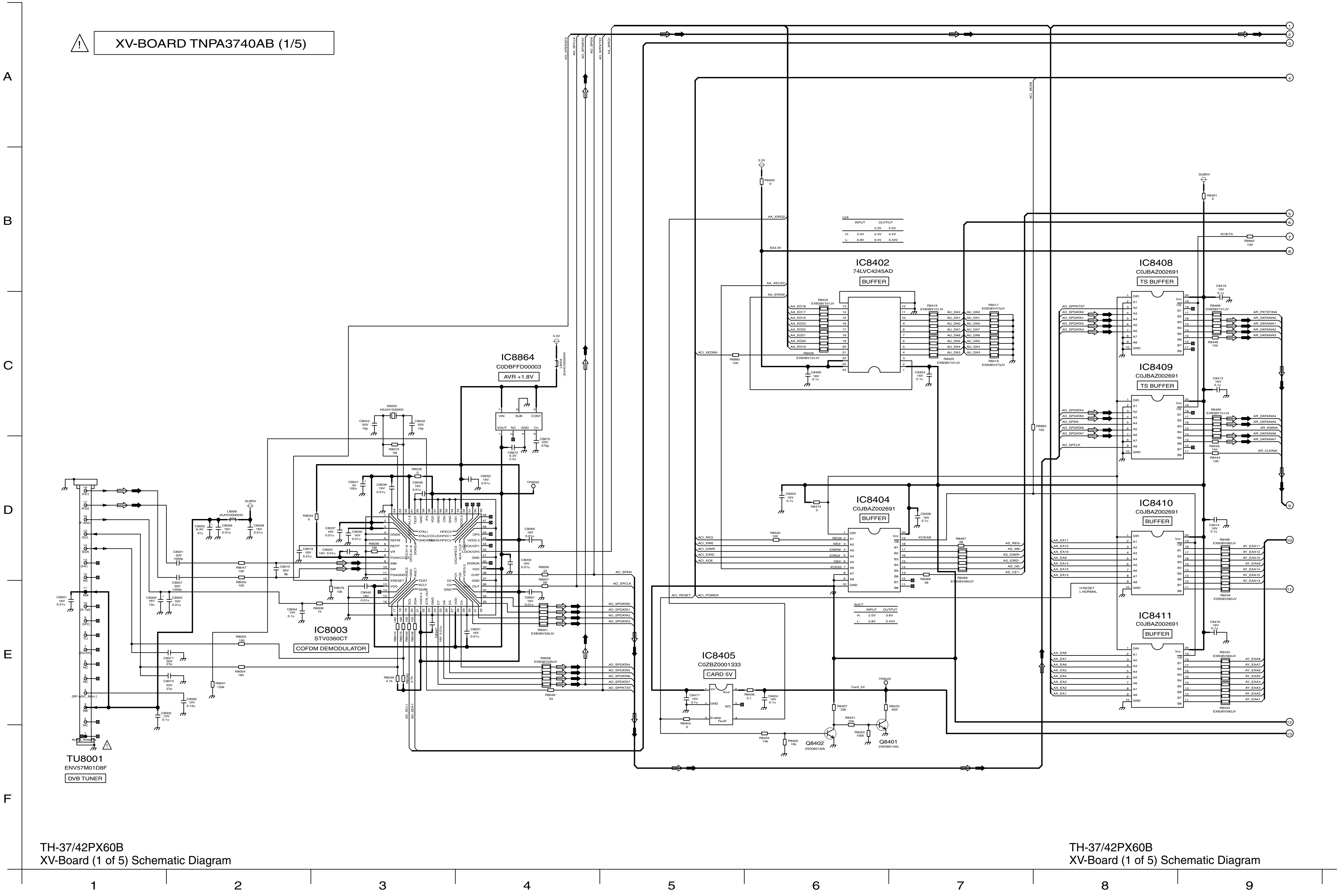
14.40. XV-Board Block Diagram (PX60B)


CI SLOT (COMMON INTERFACE)
JK8401
XV D-TV INTERFACE
Vpp1,Vpp2
VCC
D0~D7
RESET
A0~A14
REG#
CE1#
OE#,WE#
IORD#,IOWR#
IREQ#
CD1#,CD2#
MCLK0,WAIT#
ENOUT,PKTRTOUT
MDO3-MDO7
MDO0-MDO2
MISTRT
MDI0~MDI7
MIBAL,MCLKI
DATA
ADDRESS
CONTROL
CONTROL
DATA0-7
STROUT
SPDATA0-7
SPEN,SPCLK
IC8402
BUFFER
ED16-ED23
IC8410,IC8411
BUFFER
EA1-EA15
RESET
IC8404
BUFFER
POWER
IC8213
BUFFER
CHCLK,CHVAL,CHSYNC
XCD1,XCD2,XWAIT,XIREQ
IC8412
BUFFER
DATA0-7
IC8405
CARD 5V
SUB 5V
VIN
VOUT
FAULT
XIRQ2
EN
Q8401
Q8402
IC8864
AVR +1.8V
3.3V
+1.8V
VIN
VOUT
IC8034
AVR +2.5V
3.3V
+2.5V
VCC
VOUT
CTL
IC8023
DC-DC CONV.3.3V
SUB 9V
3.3V(0.87A)
VIN
SW
PVIN
FB
INV
IC8024
DC-DC CONV.1.2V
SUB 9V
1.2V(0.6A)
VIN
SW
PVIN
FB
INV
TU8001
DVB TUNER
SCL
SDA
IFD2
IFD1
IF_AGC
VBB
VBM
SUB 5V
IC8003
COFDM DEMODULATOR
XIRQ1
LOCK/OP2
SCLT
SDAT
XTALI
XTALO
INM
INP
AGC1
RESET
X8003 24.167MHz
SCL
SDA
D0
D3
STROUT
D4
D7
CLKOUT
D/XP
SCL1
SDA1
IC8408
TS BUFFER
SPDATA 0-3
IC8409
TS BUFFER
SPDATA 4-7
IC8009
256M DDR_SDRAM
DATA BUS
ADDRESS BUS
CONTROL BUS
IC8501
VCXO27M
X8006
IC8013
HDSL PEAKS_Lite
CHCLK
CHVAL
CHSYNC
HSCLKIN
HSVALIN
HSSYNCIN
HSDIN0
HSDIN7
MMDQ0
MMDQ31
MMA0
MMA13
CK,MCK,CKE CS,RAS,CAS WE,BS0,BS1
DDR-SDRAM
IEC_OUT
3.3V
DIGITAL VIDEO
MVY0
MVY7
MVC0
MVC7
MVY0 ~ MVY7
MVC0 ~ MVC7
MHSYNC0
MVSYNC0
MVCLK0
IC8029
AUDIO DAC
DC
DY
DIGITAL AUDIO
DACCK
SRCK
DMIX
LRCK
MCLK
BICK
SDTI
LRCK
PDN
AOUTL
AOUTR
IC8031
AUDIO AMP
SUB 9V
DL
DR
PEAKS_Lite(3/3)
PEAKS_Lite(1/3)
CVBS
Q8101
VDACOUT5
XDACRST
XIRQ1
XIRQ2
INTERRUPTION
CK27
VC27
SCL0
SDA0
SCL1
SDA1
SPPKTST
SPCLK
SPEN
SPDATA7
XFERST0
POWER
RESET
XIREQ
XWAIT
XCD2
XCD1
CIPOWER
CIRESET
XIREQ
XWAIT
XCD2
XCD1
IC8019
64M CPU FLASH ROM
DG0-DQ15
A0-A21
WE,CE,OE
RESET
XRST
DATA BUS
ADDRESS BUS
CONTROL BUS
ED16
ED31
EA0
EA24
XECS0-XECS5 BOOTSWAP,XEDK ELLK,XEWE2,XEWE3 XERE,ERXW
SUPPORT CARD& NOR FLASH ROM I/F
XIORD,XIOWR XWE,XOE,REG XECS3
CI I/F
XFERSTO
SPDATA7
SPEN
SPPKTST
SPCLK
XFERSTO
SCHDATA0
ENABLE0
CHPSYNC0
SCHCLK0
PEAKS_Lite(2/3)
VDD12
VDD33
AAVDD
DAVDD
MAVDD
SVAVDD
MVAVDD
AVDD
VDDQ
2.5V (DDR SDRAM)
1.2V
3.3V
2.5V
SBO1
SBI1
XRST
IC8042
RESET
SUB 9V
VOUT
VDD
XV01
TO DG22
SUB 9V
SUB 5V
MVY0
MVY7
MVC0
MVC7
MHSYNC0
MVSYNC0
MVCLK0
DL(BS_L)
DR(BS_R)
CVBS
SCL0
SDA0
SBO1(SBI1)
SBI1(SBO1)
XRST

TH-37/42PX60B
XV-Board Block Diagram

TH-37/42PX60B
XV-Board Block Diagram

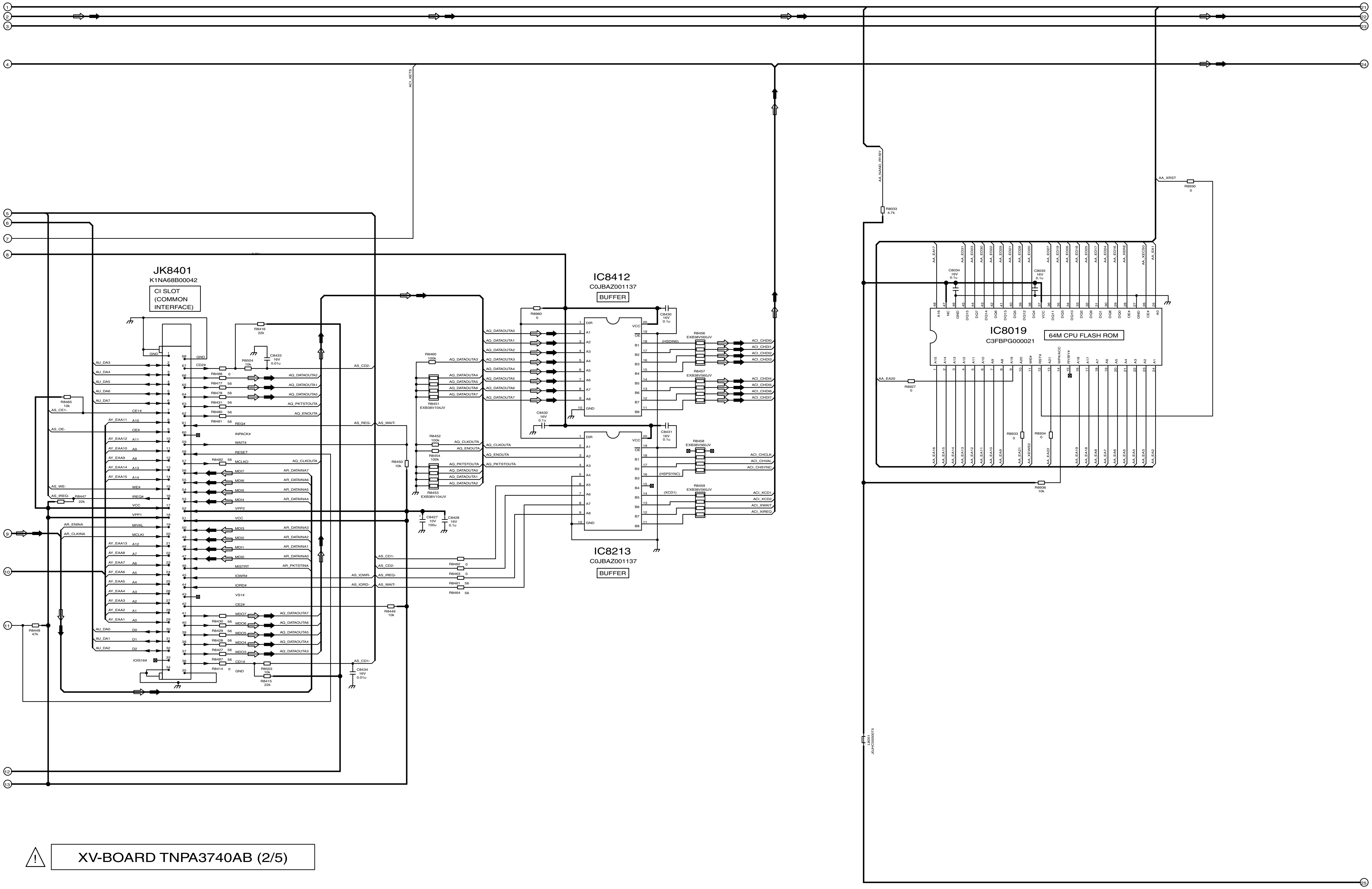
14.41. XV-Board (1 of 5) Schematic Diagram (PX60B)


XV-BOARD TNPA3740AB (1/5)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
IC8864
C0DBFFD00003
AVR +1.8V
IC8003
STV0360CT
COFDM DEMODULATOR
TU8001
ENV57M01D8F
DVB TUNER
IC8402
74LVC4245AD
BUFFER
IC8404
C0JBAZ002691
BUFFER
IC8405
C0ZBZ0001333
CARD 5V
IC8408
C0JBAZ002691
TS BUFFER
IC8409
C0JBAZ002691
TS BUFFER
IC8410
C0JBAZ002691
BUFFER
IC8411
C0JBAZ002691
BUFFER
Q8401
2SD0601A0L
Q8402
2SD0601A0L
X8003
H0J241500003
LVX
INPUT
OUTPUT
3.3V
5.0V
H: 2.0V 2.4V 4.4V
L: 0.8V 0.4V 0.44V
AHCT
INPUT
OUTPUT
H: 2.0V 3.8V
L: 0.8V 0.44V
H:RESET
L:NORMAL
3.3V
SUB5V
AS3.3V
Card_5V
TP8025
TP8033

TH-37/42PX60B
XV-Board (1 of 5) Schematic Diagram

TH-37/42PX60B
XV-Board (1 of 5) Schematic Diagram

14.42. XV-Board (2 of 5) Schematic Diagram (PX60B)

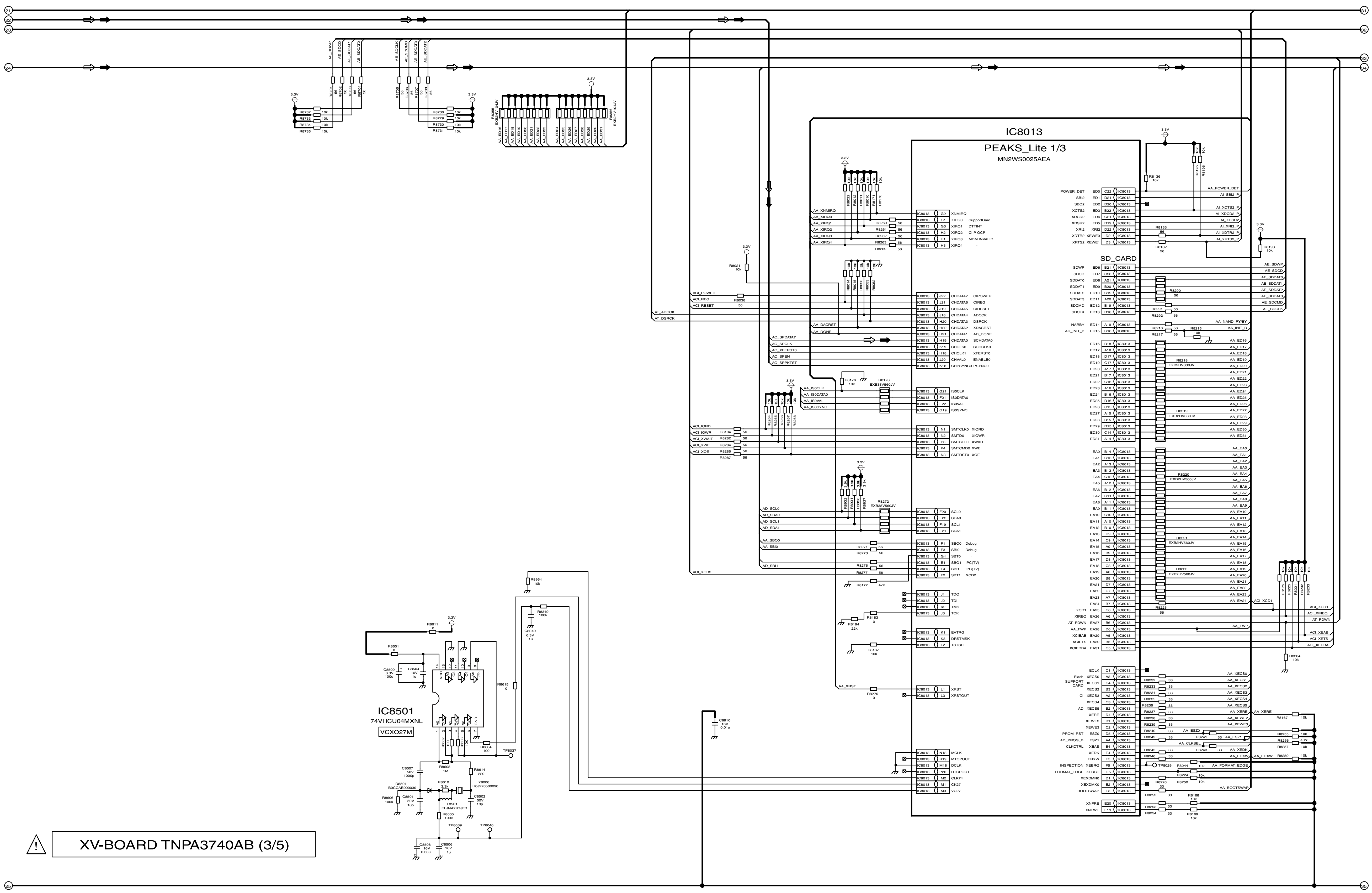

JK8401
K1NA68B00042
CI SLOT (COMMON INTERFACE)
IC8412
C0JBAZ001137
BUFFER
IC8213
C0JBAZ001137
BUFFER
IC8019
C3FBPG000021
64M CPU FLASH ROM
XV-BOARD TNPA3740AB (2/5)
1
2
3
4
5
6
7
8
9
10
11
12
13
21
22
23
24
25

TH-37/42PX60B
XV-Board (2 of 5) Schematic Diagram

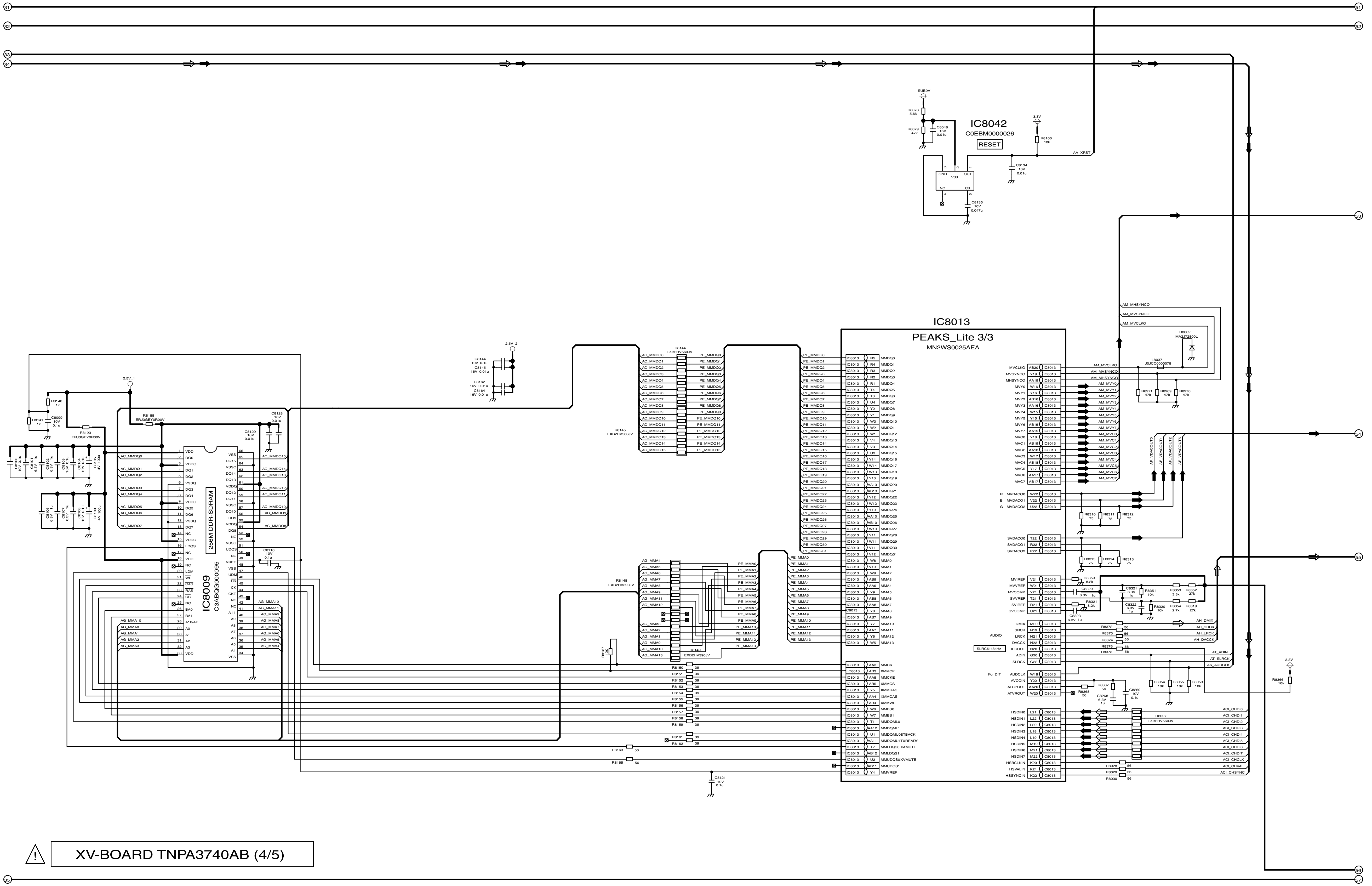
TH-37/42PX60B
XV-Board (2 of 5) Schematic Diagram

10
11
12
13
14
15
16
17
18

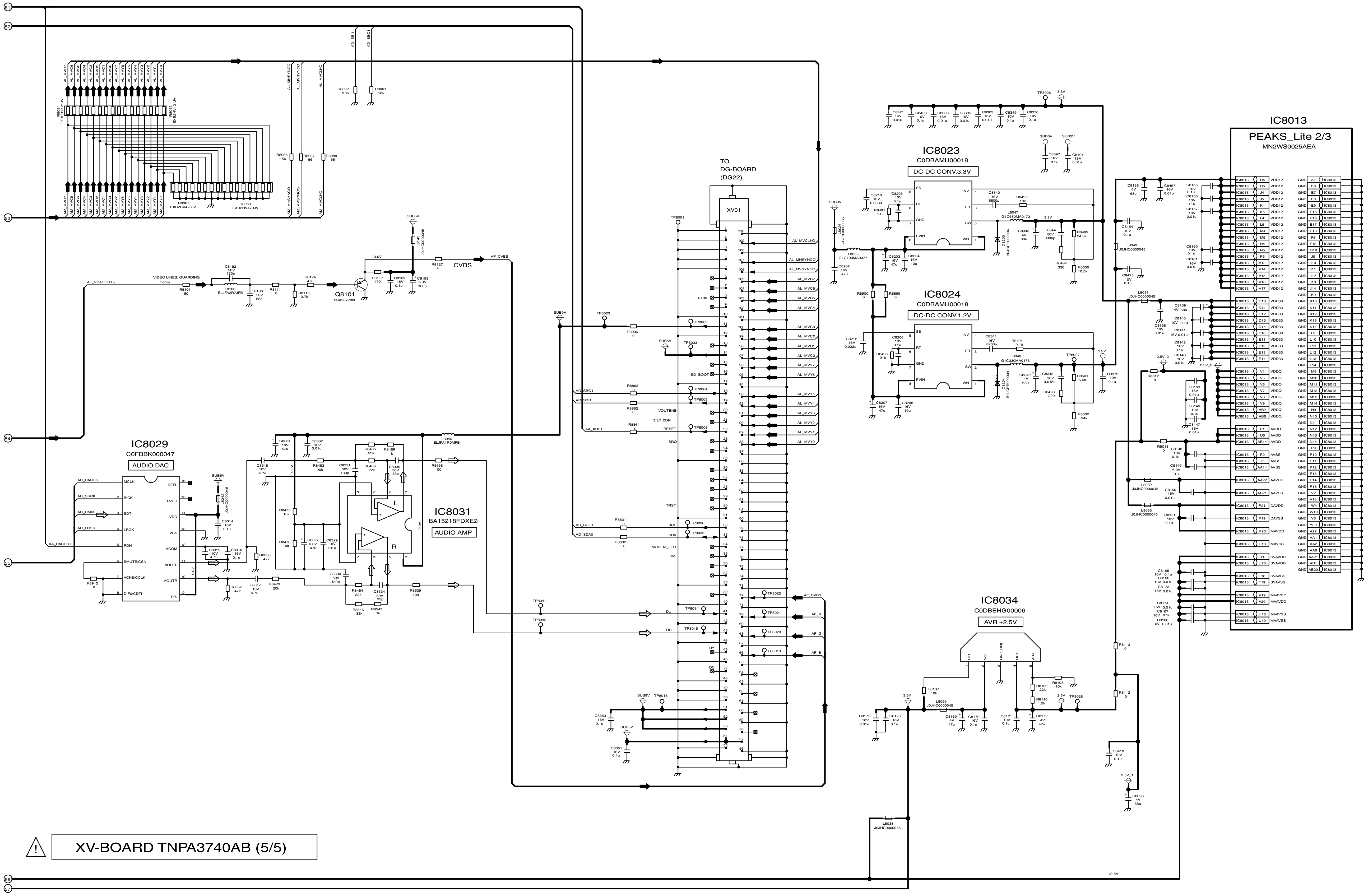
14.43. XV-Board (3 of 5) Schematic Diagram (PX60B)


IC8013
PEAKS_Lite 1/3
MN2WS0025AEA
SD_CARD
IC8501
74VHCU04MXNL
VCXO27M
XV-BOARD TNPA3740AB (3/5)
3.3V

14.44. XV-Board (4 of 5) Schematic Diagram (PX60B)


IC8042
C0EBM0000026
RESET
IC8013
PEAKS_Lite 3/3
MN2WS0025AEA
IC8009
C3ABQG000095
256M DDR-SDRAM
AUDIO
For DIT
XV-BOARD TNPA3740AB (4/5)

14.45. XV-Board (5 of 5) Schematic Diagram (PX60B)

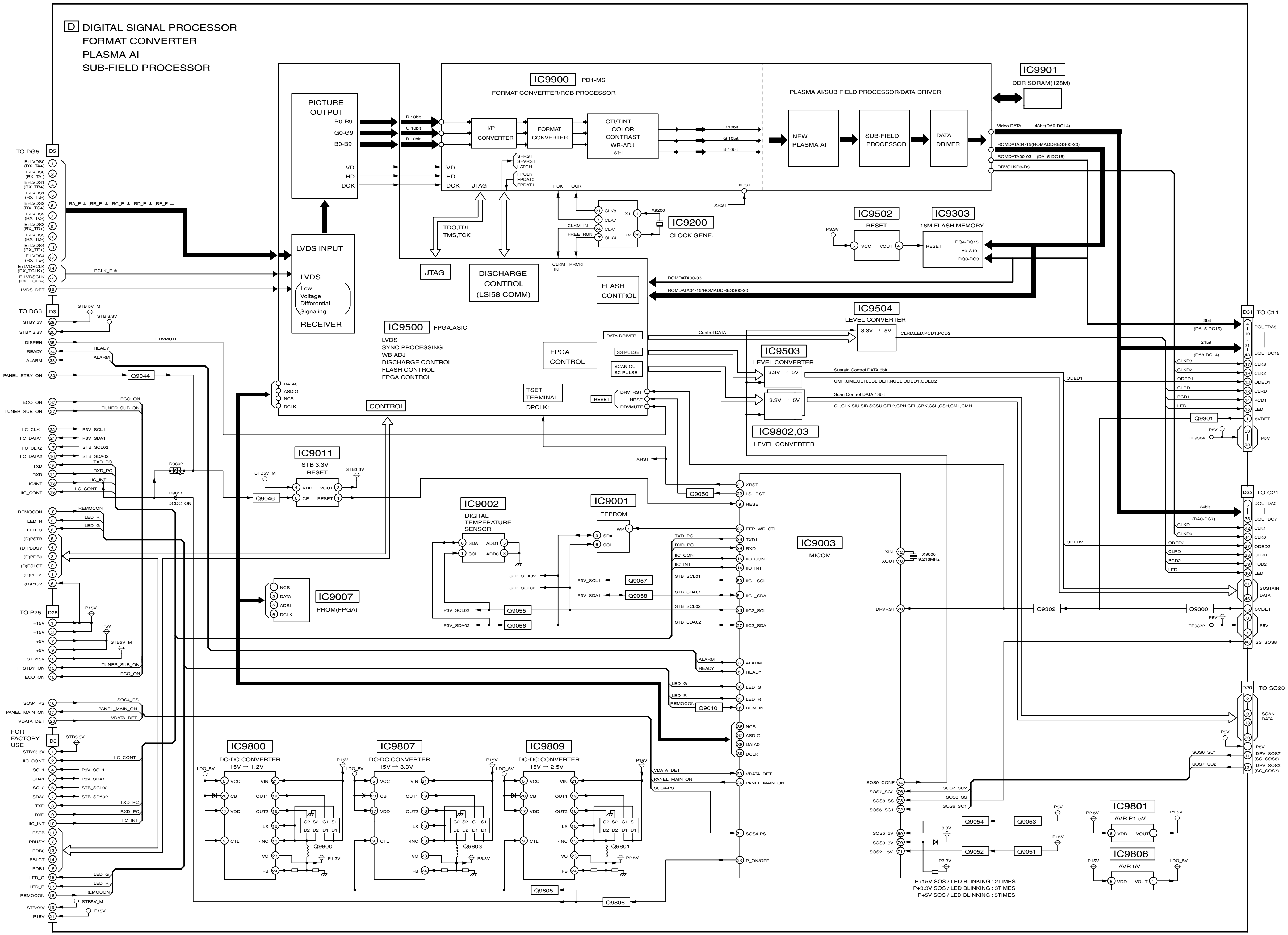

IC8029
C0FBBK000047
AUDIO DAC
IC8031
BA15218FDXE2
AUDIO AMP
Q8101
2SA2077000L
CVBS
TO
DG-BOARD
(DG22)
XV01
IC8023
C0DBAMH00018
DC-DC CONV.3.3V
IC8024
C0DBAMH00018
DC-DC CONV.1.2V
IC8034
C0DBEHG00006
AVR +2.5V
IC8013
PEAKS_Lite 2/3
MN2WS0025AEA
XV-BOARD TNPA3740AB (5/5)

TH-37/42PX60B
XV-Board (5 of 5) Schematic Diagram

TH-37/42PX60B
XV-Board (5 of 5) Schematic Diagram

37 38 39 40 41 42 43 44 45

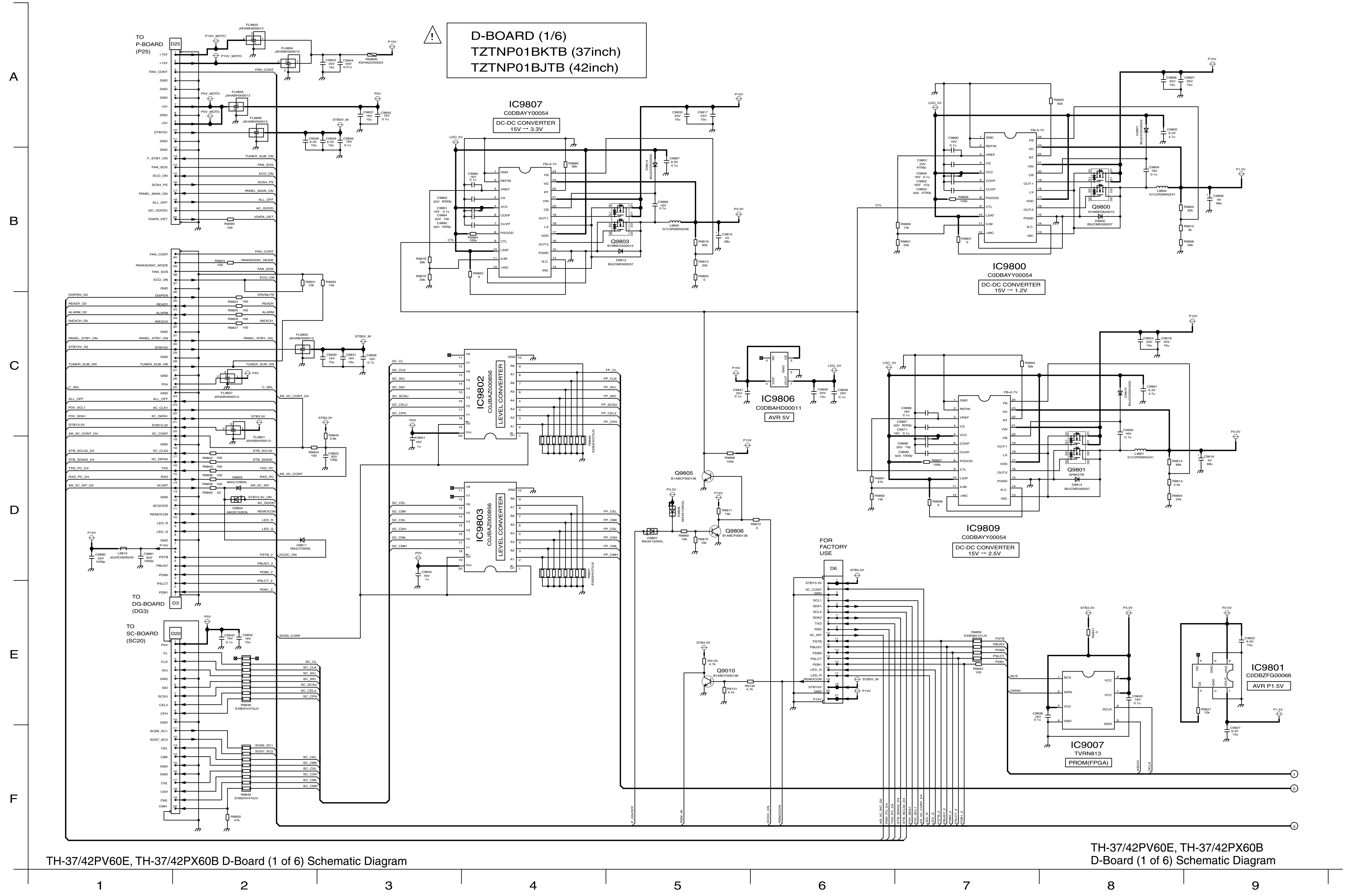
14.46. D-Board Block Diagram


D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR
TO DG5
D5
E-LVDS0 (RX_TA+)
E-LVDS0 (RX_TA-)
E-LVDS1 (RX_TB+)
E-LVDS1 (RX_TB-)
E-LVDS2 (RX_TC+)
E-LVDS2 (RX_TC-)
E-LVDS3 (RX_TD+)
E-LVDS3 (RX_TD-)
E-LVDS4 (RX_TE+)
E-LVDS4 (RX_TE-)
E-LVDSCLK (RX_TCLK+)
E-LVDSCLK (RX_TCLK-)
LVDS_DET
RA_E ± ,RB_E ± ,RC_E ± ,RD_E ± ,RE_E ±
RCLK_E ±
TO DG3
D3
STBY 5V
STBY 3.3V
DISPEN
READY
ALARM
PANEL_STBY_ON
ECO_ON
TUNER_SUB_ON
IIC_CLK1
IIC_DATA1
IIC_CLK2
IIC_DATA2
TXD
RXD
IIC/INT
IIC_CONT
REMOCON
LED_R
LED_G
(D)PSTB
(D)PBUSY
(D)PDB0
(D)PSLCT
(D)PDB1
(D)P15V
TO P25
D25
+15V
+15V
+5V
+5V
STBY5V
F_STBY_ON
ECO_ON
SOS4_PS
PANEL_MAIN_ON
VDATA_DET
FOR FACTORY USE
D6
STBY3.3V
IIC_CONT
SCL1
SDA1
SCL2
SDA2
TXD
RXD
IIC_INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
LED_G
LED_R
REMOCON
STBY5V
P15V
PICTURE OUTPUT
R0-R9
G0-G9
B0-B9
VD
HD
DCK
R 10bit
G 10bit
B 10bit
LVDS INPUT
LVDS
Low Voltage Differential Signaling
RECEIVER
IC9900
PD1-MS
FORMAT CONVERTER/RGB PROCESSOR
I/P CONVERTER
FORMAT CONVERTER
CTI/TINT COLOR CONTRAST WB-ADJ st-r
SFRST SFVRST LATCH
FPCLK FPDAT0 FPDAT1
JTAG
PCK
OCK
XRST
PLASMA AI/SUB FIELD PROCESSOR/DATA DRIVER
NEW PLASMA AI
SUB-FIELD PROCESSOR
DATA DRIVER
IC9901
DDR SDRAM(128M)
Video DATA 48bit(DA0-DC14)
ROMDATA04-15(ROMADDRESS00-20)
ROMDATA00-03 (DA15-DC15)
DRVCLKD0-D3
TDO,TDI TMS,TCK
CLK8 CLK7 CLK1 CLK4
CLKM_IN
FREE_RUN
X1 X2
X9200
IC9200
CLOCK GENE.
IC9502
RESET
P3.3V
VCC VOUT
IC9303
16M FLASH MEMORY
RESET
DQ4-DQ15
A0-A19
DQ0-DQ3
JTAG
DISCHARGE CONTROL (LSI58 COMM)
CLKM -IN
PRCKI
FLASH CONTROL
ROMDATA00-03
ROMDATA04-15/ROMADDRESS00-20
IC9500
FPGA,ASIC
LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL
FPGA CONTROL
DATA DRIVER
SS PULSE
SCAN OUT SC PULSE
TSET TERMINAL
DPCLK1
RESET
DRV_RST
NRST
DRVMUTE
DATA0
ASDIO
NCS
DCLK
CONTROL
IC9504
LEVEL CONVERTER
3.3V → 5V
Control DATA
CLRD,LED,PCD1,PCD2
IC9503
LEVEL CONVERTER
3.3V → 5V
Sustain Control DATA 6bit
UMH,UML,USH,USL,UEH,NUEL,ODED1,ODED2
Scan Control DATA 13bit
CL,CLK,SIU,SID,SCSU,CEL2,CPH,CEL,CBK,CSL,CSH,CML,CMH
IC9802,03
LEVEL CONVERTER
D31
TO C11
3bit
(DA15-DC15)
21bit
(DA8-DC14)
DOUTDA8
DOUTDC15
CLKD3
CLKD2
ODED1
CLRD
PCD1
LED
CLK3
CLK2
ODED1
CLRD
PCD1
LED
SVDET
Q9301
P5V
TP9304
D32
TO C21
24bit
(DA0-DC7)
DOUTDA0
DOUTDC7
CLKD1
CLKD0
ODED2
CLRD
PCD2
LED
CLK1
CLK0
ODED2
CLRD
PCD2
LED
SUSTAIN DATA
5VDET
Q9300
TP9372
SS_SOS8
Q9302
D20
TO SC20
SCAN DATA
P5V
DRV_SOS7 (SC_SOS6)
DRV_SOS2 (SC_SOS7)
SOS6_SC1
SOS7_SC2
STB5V_M
STB 3.3V
DRVMUTE
READY
ALARM
Q9044
ECO_ON
TUNER_SUB_ON
P3V_SCL1
P3V_SDA1
STB_SCL02
STB_SDA02
TXD_PC
RXD_PC
IIC_INT
IIC_CONT
D9802
D9811
DCDC_ON
REMOCON
LED_R
LED_G
IC9011
STB 3.3V
RESET
STB5V_M
STB3.3V
VDD VOUT
CE RESET
Q9046
XRST
IC9002
DIGITAL TEMPERATURE SENSOR
SDA SCL
ADD1 ADD0
IC9001
EEPROM
WP
SDA SCL
STB_SDA02
STB_SCL02
P3V_SCL1
P3V_SDA1
Q9057
Q9058
P3V_SCL02
P3V_SDA02
Q9055
Q9056
Q9050
IC9003
MICOM
XRST
LSI_RST
RESET
EEP_WR_CTL
TXD1
RXD1
IIC_CONT
IIC_INT
IIC1_SCL
IIC1_SDA
IIC2_SCL
IIC2_SDA
XIN
XOUT
X9000 9.216MHz
DRVRST
ALARM
READY
LED_G
LED_R
REM_IN
Q9010
NCS
ASDIO
DATA0
DCLK
VDATA_DET
PANEL_MAIN_ON
SOS4-PS
P_ON/OFF
SOS9_CONF
SOS7_SC2
SOS8_SS
SOS6_SC1
SOS5_5V
SOS3_3V
SOS2_15V
Q9054
Q9053
Q9052
Q9051
P+15V SOS / LED BLINKING : 2TIMES
P+3.3V SOS / LED BLINKING : 3TIMES
P+5V SOS / LED BLINKING : 5TIMES
IC9007
PROM(FPGA)
NCS DATA ADSI DCLK
IC9800
DC-DC CONVERTER
15V → 1.2V
IC9807
DC-DC CONVERTER
15V → 3.3V
IC9809
DC-DC CONVERTER
15V → 2.5V
LDO_5V
P15V
VCC VIN
CB OUT1
VDD OUT2
LX
CTL -INC
VO
FB
G2 S2 G1 S1
D2 D2 D1 D1
Q9800
Q9803
Q9801
P1.2V
P3.3V
P2.5V
Q9805
Q9806
IC9801
AVR P1.5V
P2.5V
P1.5V
IC9806
AVR 5V
LDO_5V
VDD VOUT

TH-37/42PV60E, TH-37/42PX60B
D-Board Block Diagram

TH-37/42PV60E, TH-37/42PX60B
D-Board Block Diagram

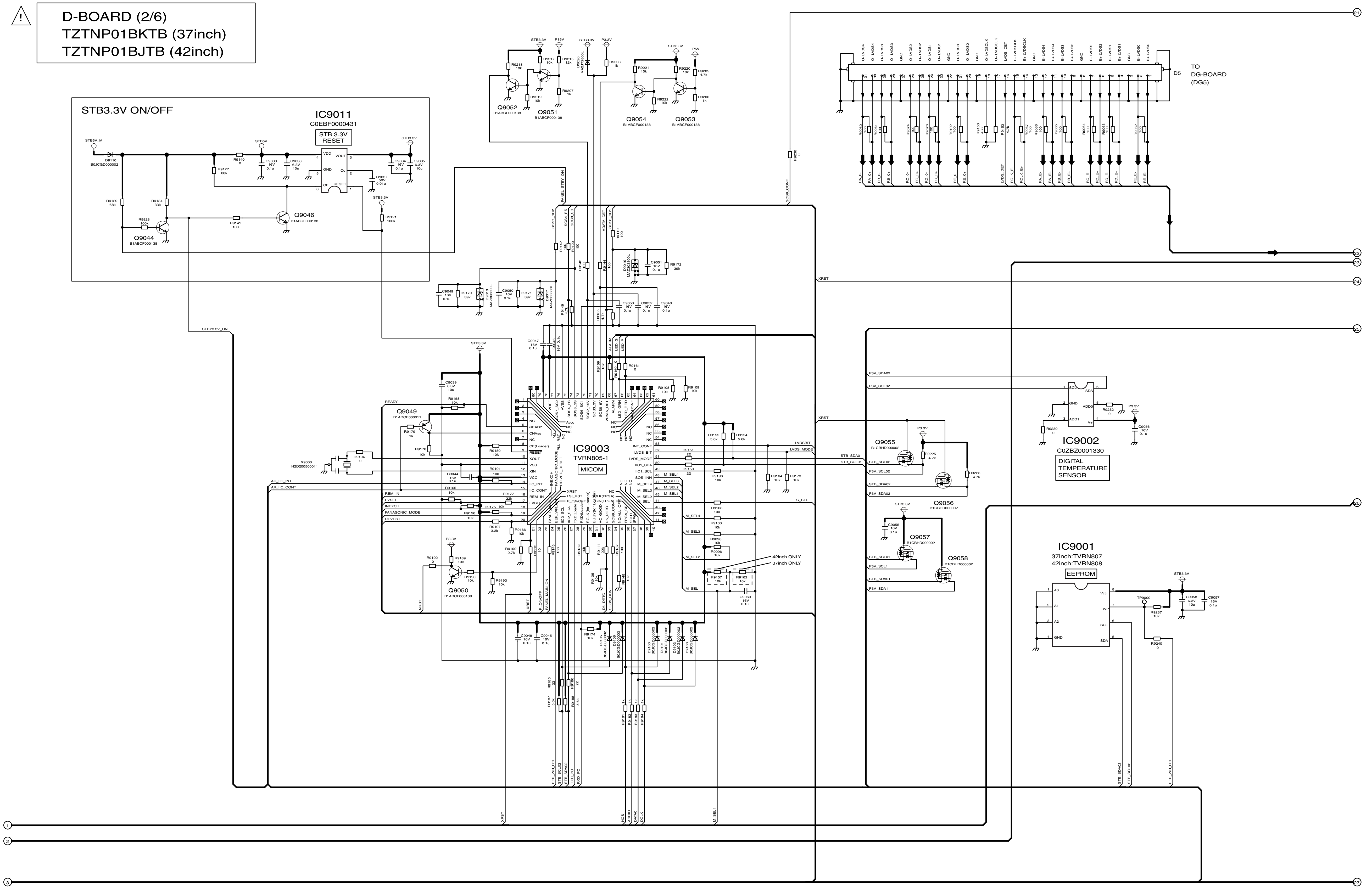
14.47. D-Board (1 of 6) Schematic Diagram


D-BOARD (1/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
TO P-BOARD (P25)
D25
IC9807
C0DBAYY00054
DC-DC CONVERTER 15V → 3.3V
Q9803
IC9800
C0DBAYY00054
DC-DC CONVERTER 15V → 1.2V
Q9800
IC9806
C0DBAHD00011
AVR 5V
IC9802
C0JBAZ000856
LEVEL CONVERTER
IC9803
C0JBAZ000856
LEVEL CONVERTER
IC9809
C0DBAYY00054
DC-DC CONVERTER 15V → 2.5V
Q9801
Q9805
Q9806
Q9010
TO DG-BOARD (DG3)
D3
TO SC-BOARD (SC20)
D20
FOR FACTORY USE
D6
IC9007
TVRN813
PROM(FPGA)
IC9801
C0DBZFG00066
AVR P1.5V
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PV60E, TH-37/42PX60B D-Board (1 of 6) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
D-Board (1 of 6) Schematic Diagram

14.48. D-Board (2 of 6) Schematic Diagram

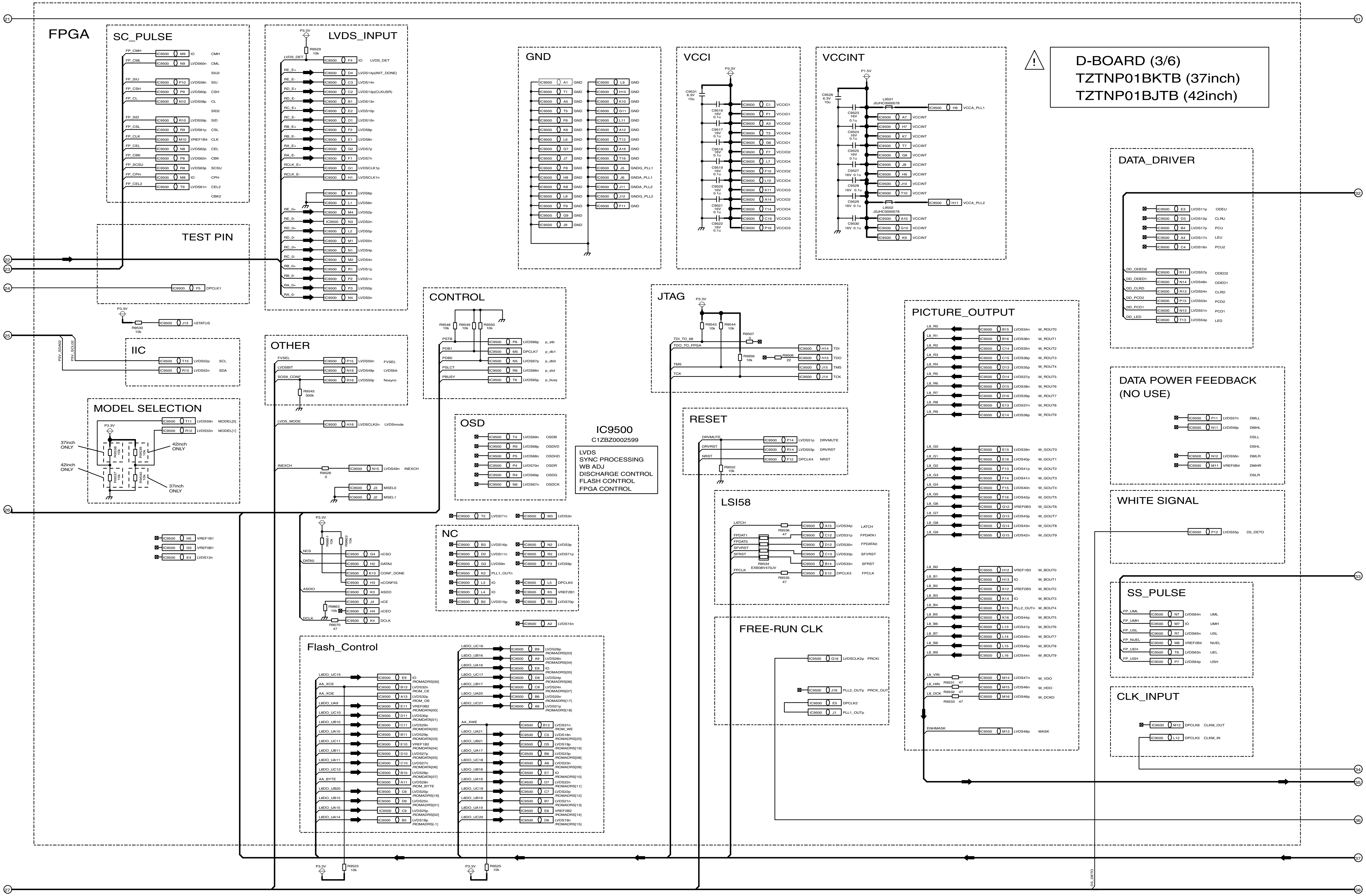

D-BOARD (2/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
STB3.3V ON/OFF
IC9011
C0EBF0000431
STB 3.3V RESET
Q9046
Q9044
Q9052
Q9051
Q9054
Q9053
IC9003
TVRN805-1
MICOM
Q9049
Q9050
X9000
IC9002
C0ZBZ0001330
DIGITAL TEMPERATURE SENSOR
Q9055
Q9056
Q9057
Q9058
IC9001
37inch:TVRN807
42inch:TVRN808
EEPROM
42inch ONLY
37inch ONLY
D5
TO DG-BOARD (DG5)
STB3.3V
P15V
P3.3V
P5V
STBY3.3V_ON
XRST
C_SEL
LVDSBIT
LVDS_MODE
STB_SDA01
STB_SCL01
P3V_SDA02
P3V_SCL02
M_SEL1
M_SEL2
M_SEL3
M_SEL4
SOS3_CONF
READY
AR_IIC_INT
AR_IIC_CONT
REM_IN
FVSEL
INEXCH
PANASONIC_MODE
DRVRST

TH-37/42PV60E, TH-37/42PX60B
D-Board (2 of 6) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
D-Board (2 of 6) Schematic Diagram

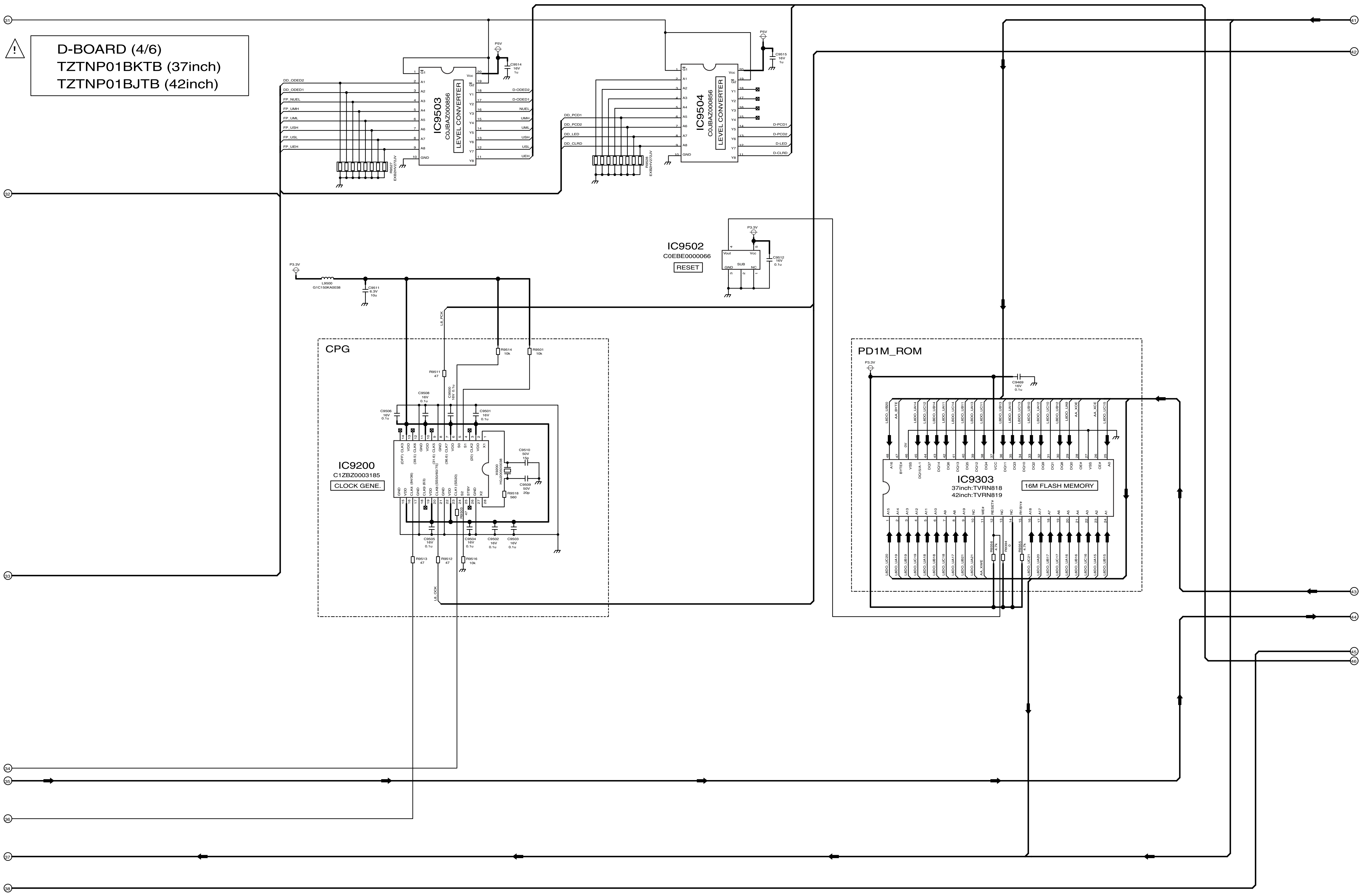
10 11 12 13 14 15 16 17 18

14.49. D-Board (3 of 6) Schematic Diagram


FPGA
SC_PULSE
LVDS_INPUT
GND
VCCI
VCCINT
D-BOARD (3/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
TEST PIN
DATA_DRIVER
CONTROL
JTAG
PICTURE_OUTPUT
IIC
OTHER
MODEL SELECTION
37inch ONLY
42inch ONLY
OSD
IC9500
C1ZBZ0002599
LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL
RESET
DATA POWER FEEDBACK
(NO USE)
WHITE SIGNAL
LSI58
NC
FREE-RUN CLK
SS_PULSE
CLK_INPUT
Flash_Control

TH-37/42PV60E, TH-37/42PX60B
D-Board (3 of 6) Schematic Diagram

14.50. D-Board (4 of 6) Schematic Diagram

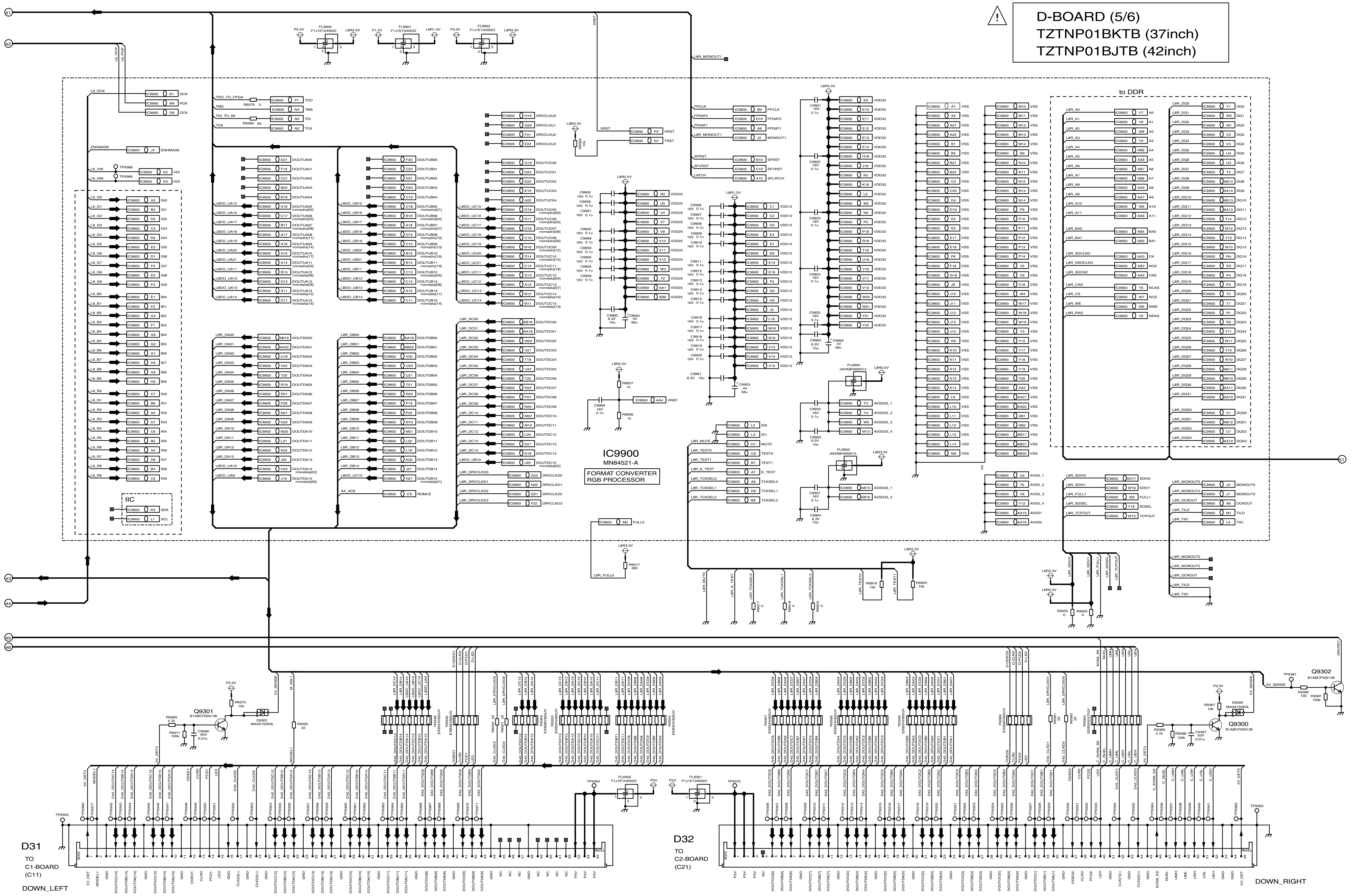

D-BOARD (4/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
IC9503
C0JBAZ000856
LEVEL CONVERTER
IC9504
C0JBAZ000856
LEVEL CONVERTER
DD_ODED2
DD_ODED1
FP_NUEL
FP_UMH
FP_UML
FP_USH
FP_USL
FP_UEH
D-ODED2
D-ODED1
NUEL
UMH
UML
USH
USL
UEH
DD_PCD1
DD_PCD2
DD_LED
DD_CLRD
D-PCD1
D-PCD2
D-LED
D-CLRD
P5V
C9514
C9515
R9527
R9528
IC9502
C0EBE0000066
RESET
P3.3V
C9512
L9500
G1C150KA0038
C9511
CPG
IC9200
C1ZBZ0003185
CLOCK GENE.
R9514
R9501
R9511
R9518
R9513
R9512
R9516
X9200
PD1M_ROM
C9469
IC9303
37inch:TVRN818
42inch:TVRN819
16M FLASH MEMORY
31
32
33
34
35
36
37
38
41
42
43
44
45
46

TH-37/42PV60E, TH-37/42PX60B
D-Board (4 of 6) Schematic Diagram

TH-37/42PV60E, TH-37/42PX60B
D-Board (4 of 6) Schematic Diagram

28	29	30	31	32	33	34	35	36

14.51. D-Board (5 of 6) Schematic Diagram

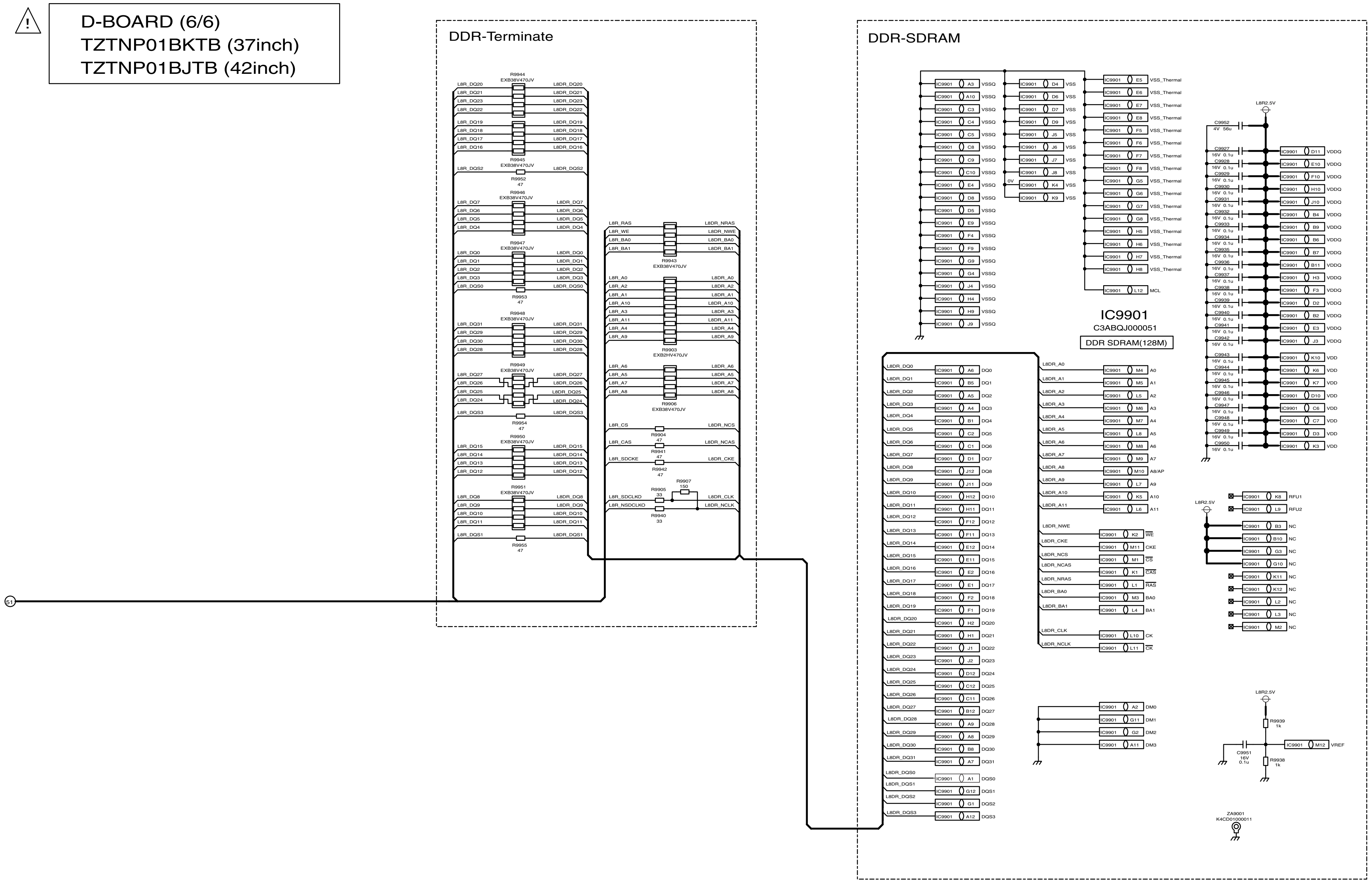

D-BOARD (5/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
IC9900
MN84521-A
FORMAT CONVERTER
RGB PROCESSOR
to DDR
IIC
FL9900
FL9901
FL9902
FL9903
FL9904
Q9300
Q9301
Q9302
D31
TO
C1-BOARD
(C11)
DOWN_LEFT
D32
TO
C2-BOARD
(C21)
DOWN_RIGHT

TH-37/42PV60E, TH-37/42PX60B D-Board (5 of 6) Schematic Diagram

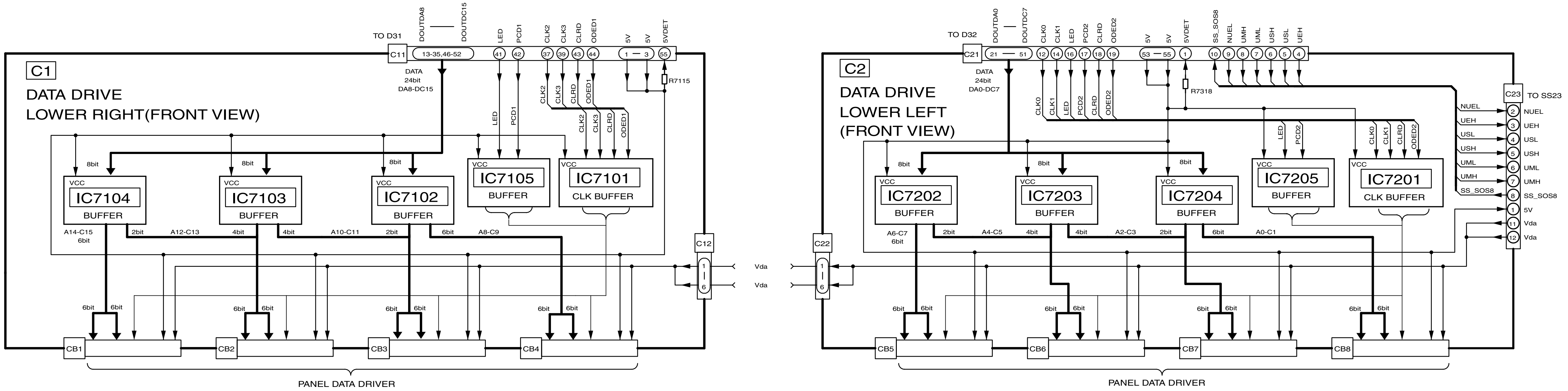
TH-37/42PV60E, TH-37/42PX60B D-Board (5 of 6) Schematic Diagram

37 38 39 40 41 42 43 44 45

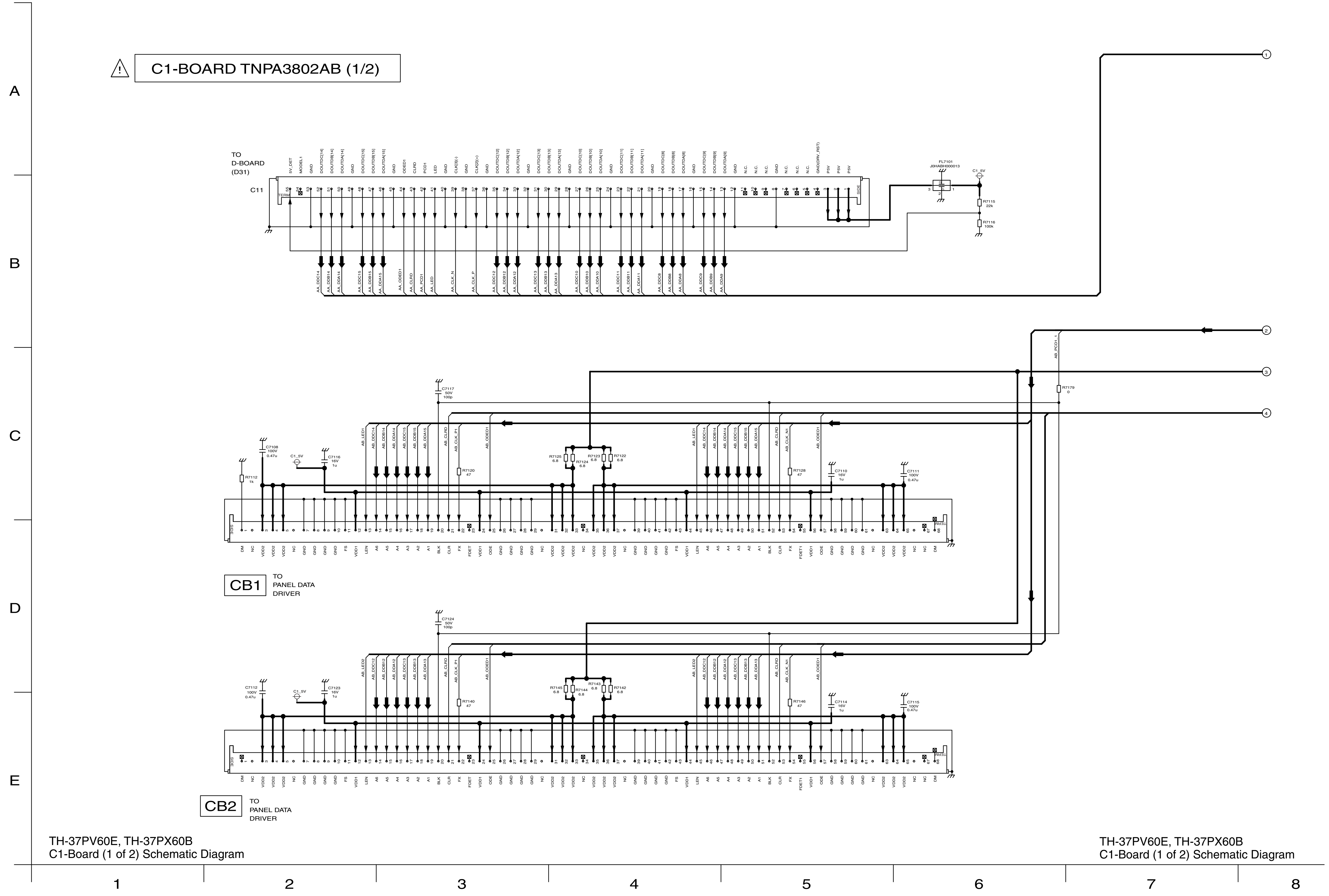
14.52. D-Board (6 of 6) Schematic Diagram


D-BOARD (6/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
DDR-Terminate
DDR-SDRAM
IC9901
C3ABQJ000051
DDR SDRAM(128M)
L8R2.5V
ZA9001
K4CD01000011
R9943
EXB38V470JV
R9903
EXB2HV470JV
R9906
EXB38V470JV
VSSQ
VSS
VSS_Thermal
VDDQ
VDD
VREF
MCL
RFU1
RFU2
NC
DM0
DM1
DM2
DM3
CK
CKE
61

14.53. C1 and C2-Board Block Diagram


TO D31
DOUTDA8
DOUTDC15
LED
PCD1
CLK2
CLK3
CLRD
ODED1
5V
5V
5VDET
C11
13-35,46-52
41
42
37
39
43
44
1
3
55
C1
DATA DRIVE
LOWER RIGHT(FRONT VIEW)
DATA
24bit
DA8-DC15
R7115
8bit
VCC
IC7104
BUFFER
IC7103
IC7102
IC7105
IC7101
CLK BUFFER
A14-C15
6bit
2bit
A12-C13
4bit
A10-C11
6bit
A8-C9
C12
1
6
Vda
Vda
6bit
CB1
CB2
CB3
CB4
PANEL DATA DRIVER
TO D32
DOUTDA0
DOUTDC7
CLK0
CLK1
LED
PCD2
CLRD
ODED2
SS_SOS8
NUEL
UMH
UML
USH
USL
UEH
C21
21
51
12
14
16
17
18
19
53
55
1
10
9
8
7
6
5
4
C2
DATA DRIVE
LOWER LEFT
(FRONT VIEW)
DATA
24bit
DA0-DC7
R7318
C23
TO SS23
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
2
3
4
5
6
7
8
1
11
12
5V
Vda
Vda
IC7202
IC7203
IC7204
IC7205
IC7201
A6-C7
A4-C5
A2-C3
A0-C1
C22
CB5
CB6
CB7
CB8
PANEL DATA DRIVER

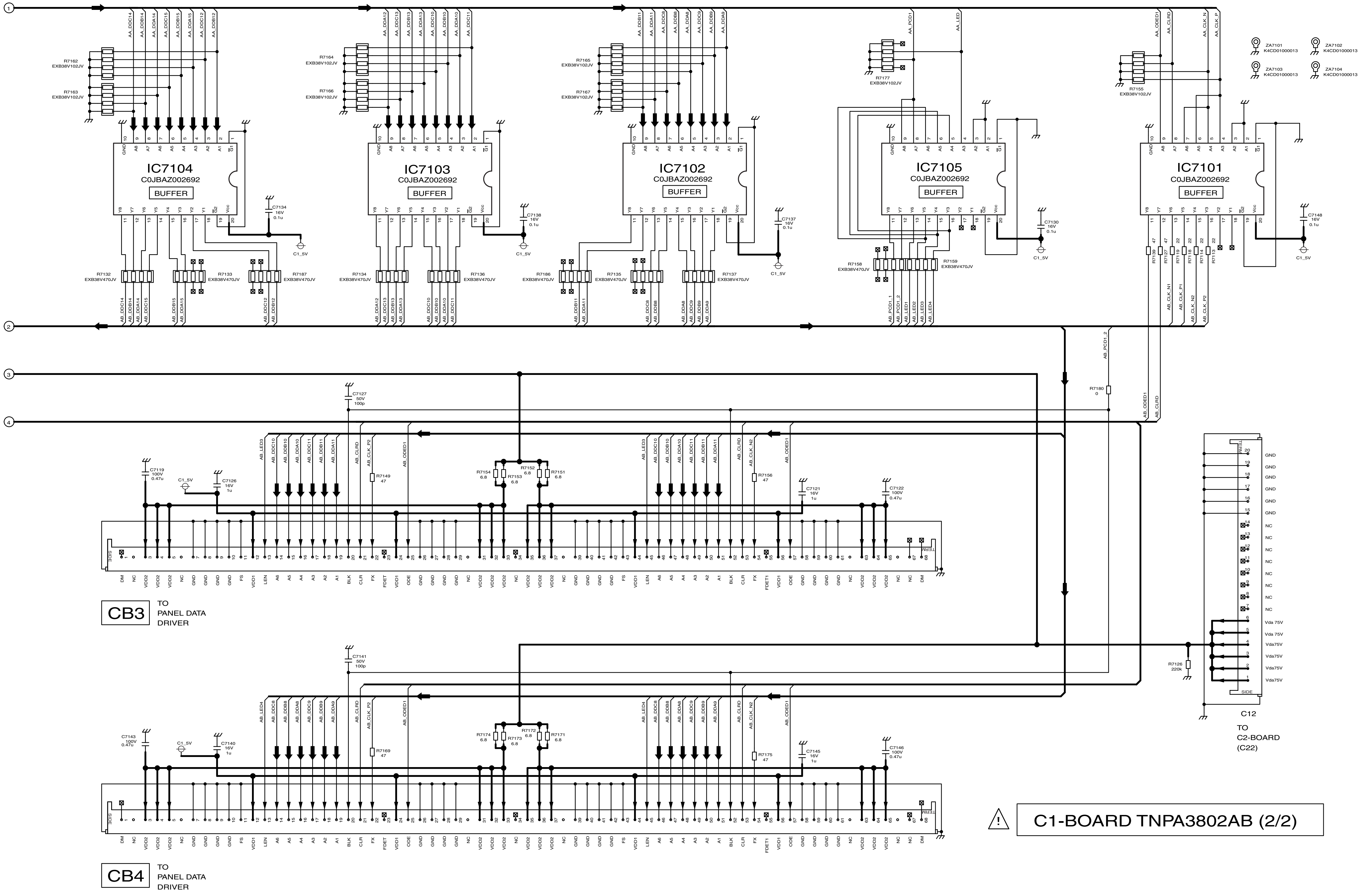
14.54. C1-Board (1 of 2) Schematic Diagram (37inch)


C1-BOARD TNPA3802AB (1/2)
TO D-BOARD (D31)
C11
FL7101 J0HABH000013
C1_5V
R7115 22k
R7116 100k
R7179 0
C7117 50V 100p
C7108 100V 0.47u
C7116 16V 1u
R7112 1k
R7120 47
R7125 6.8
R7124 6.8
R7123 6.8
R7122 6.8
R7128 47
C7110 16V 1u
C7111 100V 0.47u
CB1
TO PANEL DATA DRIVER
C7124 50V 100p
C7112 100V 0.47u
C7123 16V 1u
R7140 47
R7145 6.8
R7144 6.8
R7143 6.8
R7142 6.8
R7146 47
C7114 16V 1u
C7115 100V 0.47u
CB2
TO PANEL DATA DRIVER
A
B
C
D
E
1
2
3
4
5
6
7
8

TH-37PV60E, TH-37PX60B
C1-Board (1 of 2) Schematic Diagram

TH-37PV60E, TH-37PX60B
C1-Board (1 of 2) Schematic Diagram

14.55. C1-Board (2 of 2) Schematic Diagram (37inch)

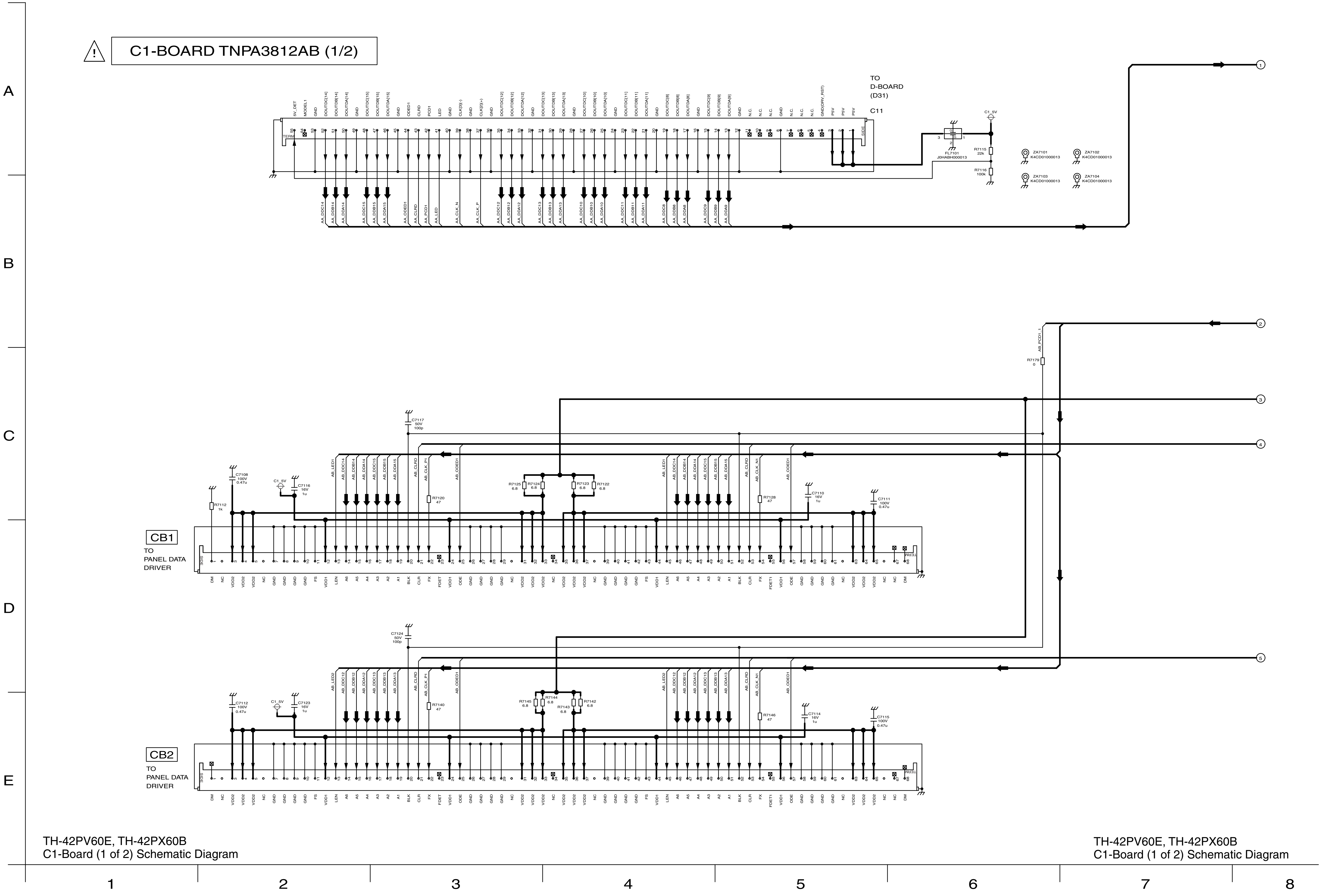

IC7104
C0JBAZ002692
BUFFER
IC7103
C0JBAZ002692
BUFFER
IC7102
C0JBAZ002692
BUFFER
IC7105
C0JBAZ002692
BUFFER
IC7101
C0JBAZ002692
BUFFER
R7162 EXB38V102JV
R7163 EXB38V102JV
R7164 EXB38V102JV
R7166 EXB38V102JV
R7165 EXB38V102JV
R7167 EXB38V102JV
R7177 EXB38V102JV
R7155 EXB38V102JV
ZA7101 K4CD01000013
ZA7102 K4CD01000013
ZA7103 K4CD01000013
ZA7104 K4CD01000013
R7132 EXB38V470JV
R7133 EXB38V470JV
R7187 EXB38V470JV
R7134 EXB38V470JV
R7136 EXB38V470JV
R7186 EXB38V470JV
R7135 EXB38V470JV
R7137 EXB38V470JV
R7158 EXB38V470JV
R7159 EXB38V470JV
C7134 16V 0.1u
C7138 16V 0.1u
C7137 16V 0.1u
C7130 16V 0.1u
C7148 16V 0.1u
C1_5V
R7180 0
C7127 50V 100p
C7119 100V 0.47u
C7126 16V 1u
R7149 47
R7154 6.8
R7153 6.8
R7152 6.8
R7151 6.8
R7156 47
C7121 16V 1u
C7122 100V 0.47u
CB3
TO PANEL DATA DRIVER
C7141 50V 100p
C7143 100V 0.47u
C7140 16V 1u
R7169 47
R7174 6.8
R7173 6.8
R7172 6.8
R7171 6.8
R7175 47
C7145 16V 1u
C7146 100V 0.47u
CB4
TO PANEL DATA DRIVER
R7126 220k
C12
TO C2-BOARD (C22)
GND
NC
Vda 75V
SIDE
C1-BOARD TNPA3802AB (2/2)

TH-37PV60E, TH-37PX60B
C1-Board (2 of 2) Schematic Diagram

TH-37PV60E, TH-37PX60B
C1-Board (2 of 2) Schematic Diagram

8 9 10 11 12 13 14 15

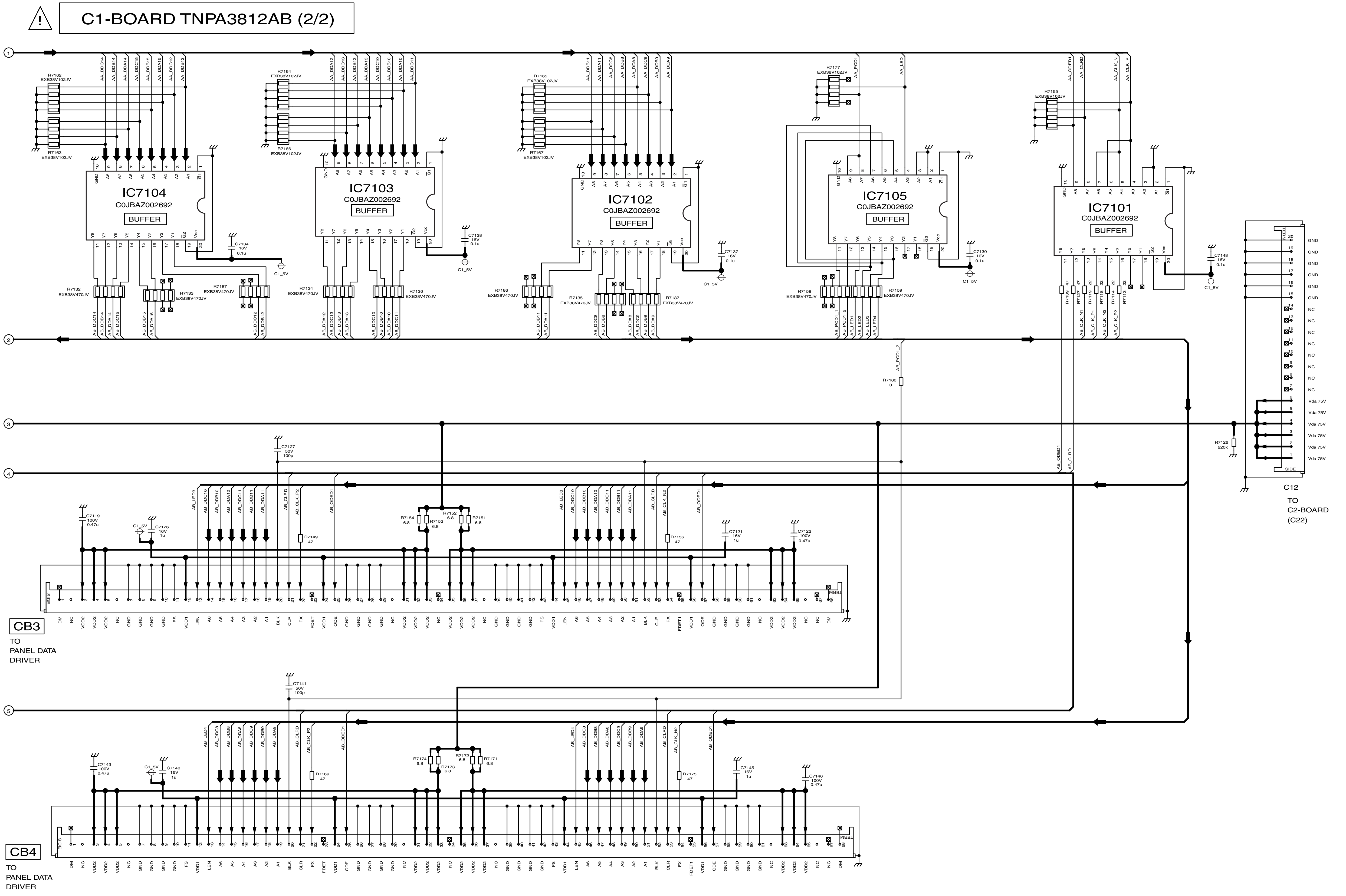
14.56. C1-Board (1 of 2) Schematic Diagram (42inch)


C1-BOARD TNPA3812AB (1/2)
TO
D-BOARD
(D31)
C11
TERM
C1_5V
FL7101
J0HABH000013
R7115
22k
R7116
100k
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7103
K4CD01000013
ZA7104
K4CD01000013
R7179
0
AB_PCD1_1
C7117
50V
100p
C7108
100V
0.47u
C7116
16V
1u
R7112
1k
R7120
47
R7125
6.8
R7124
6.8
R7123
6.8
R7122
6.8
R7128
47
C7110
16V
1u
C7111
100V
0.47u
CB1
TO
PANEL DATA
DRIVER
C7124
50V
100p
C7112
100V
0.47u
C7123
16V
1u
R7140
47
R7145
6.8
R7144
6.8
R7143
6.8
R7142
6.8
R7146
47
C7114
16V
1u
C7115
100V
0.47u
CB2
TO
PANEL DATA
DRIVER
A
B
C
D
E
1
2
3
4
5
6
7
8
①
②
③
④
⑤

TH-42PV60E, TH-42PX60B
C1-Board (1 of 2) Schematic Diagram

TH-42PV60E, TH-42PX60B
C1-Board (1 of 2) Schematic Diagram

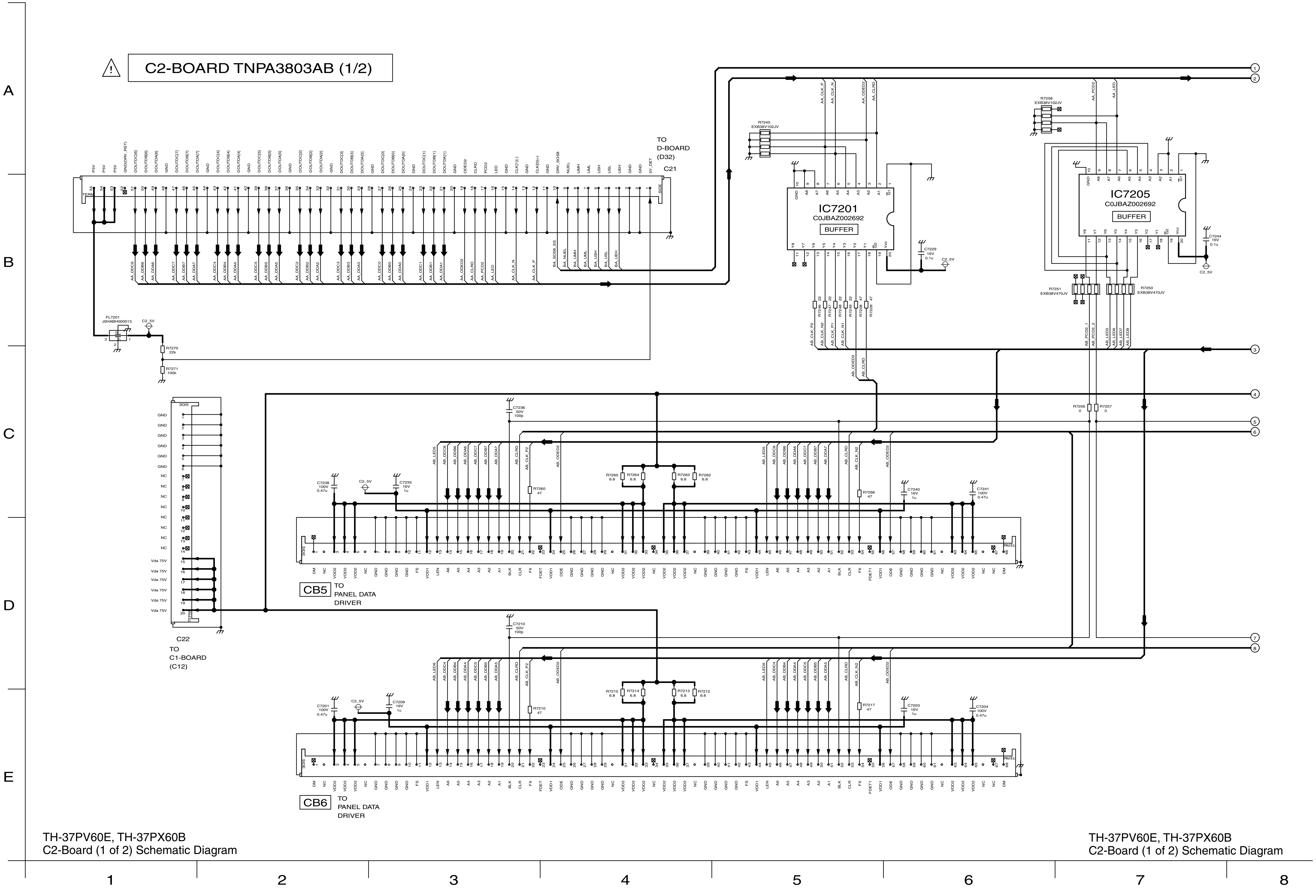
14.57. C1-Board (2 of 2) Schematic Diagram (42inch)


C1-BOARD TNPA3812AB (2/2)
1
2
3
4
5
IC7104
C0JBAZ002692
BUFFER
IC7103
C0JBAZ002692
BUFFER
IC7102
C0JBAZ002692
BUFFER
IC7105
C0JBAZ002692
BUFFER
IC7101
C0JBAZ002692
BUFFER
R7162 EXB38V102JV
R7163 EXB38V102JV
R7164 EXB38V102JV
R7166 EXB38V102JV
R7165 EXB38V102JV
R7167 EXB38V102JV
R7177 EXB38V102JV
R7155 EXB38V102JV
R7132 EXB38V470JV
R7133 EXB38V470JV
R7187 EXB38V470JV
R7134 EXB38V470JV
R7136 EXB38V470JV
R7186 EXB38V470JV
R7135 EXB38V470JV
R7137 EXB38V470JV
R7158 EXB38V470JV
R7159 EXB38V470JV
C7134 16V 0.1u
C7138 16V 0.1u
C7137 16V 0.1u
C7130 16V 0.1u
C7148 16V 0.1u
C1_5V
R7180 0
R7126 220k
C7127 50V 100p
C7119 100V 0.47u
C7126 16V 1u
R7149 47
R7154 6.8
R7153 6.8
R7152 6.8
R7151 6.8
R7156 47
C7121 16V 1u
C7122 100V 0.47u
C7141 50V 100p
C7143 100V 0.47u
C7140 16V 1u
R7169 47
R7174 6.8
R7173 6.8
R7172 6.8
R7171 6.8
R7175 47
C7145 16V 1u
C7146 100V 0.47u
GND
NC
Vda 75V
SIDE
C12
TO
C2-BOARD
(C22)
CB3
TO
PANEL DATA
DRIVER
CB4
TO
PANEL DATA
DRIVER
AA_DDC14
AA_DDB14
AA_DDA14
AA_DDC15
AA_DDB15
AA_DDA15
AA_DDC12
AA_DDB12
AA_PCD1
AA_LED
AA_ODED1
AA_CLRD
AA_CLK_N
AA_CLK_P
AB_LED3
AB_LED4
AB_CLRD
AB_CLK_P2
AB_CLK_N2
AB_ODED1
AB_PCD1_2
DM
VDD2
VDD1
LEN
BLK
CLR
FX
FDET
FDET1
ODE
FS
A1
A2
A3
A4
A5
A6
8
9
10
11
12
13
14
15

TH-42PV60E, TH-42PX60B
C1-Board (2 of 2) Schematic Diagram

TH-42PV60E, TH-42PX60B
C1-Board (2 of 2) Schematic Diagram

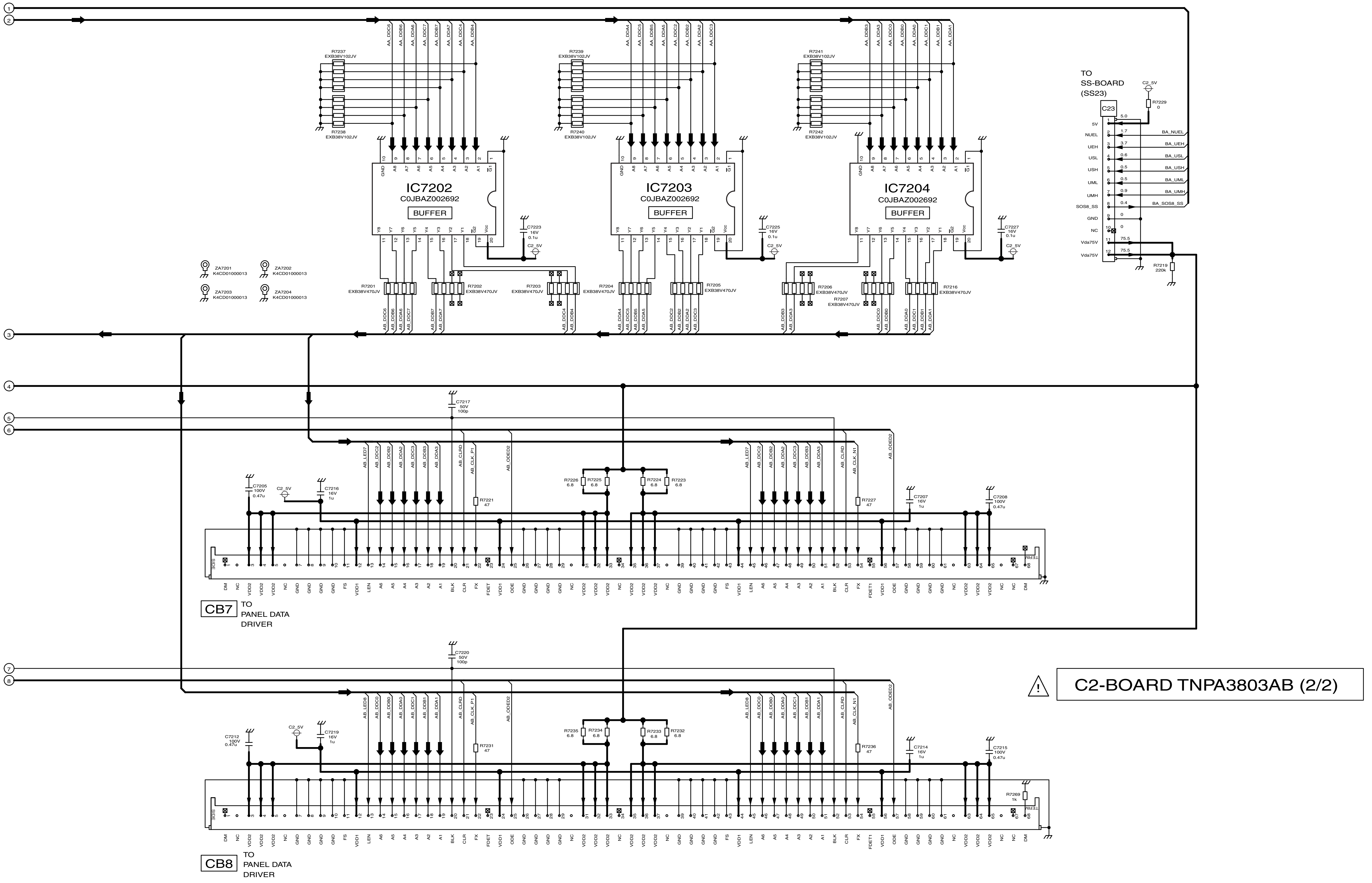
14.58. C2-Board (1 of 2) Schematic Diagram (37inch)


C2-BOARD TNPA3803AB (1/2)
TO
D-BOARD
(D32)
C21
TERM
SIDE
P5V
GND(DRV_RST)
DOUTDC[6]
DOUTDB[6]
DOUTDA[6]
DOUTDC[7]
DOUTDB[7]
DOUTDA[7]
DOUTDC[4]
DOUTDB[4]
DOUTDA[4]
DOUTDC[5]
DOUTDB[5]
DOUTDA[5]
DOUTDC[2]
DOUTDB[2]
DOUTDA[2]
DOUTDC[3]
DOUTDB[3]
DOUTDA[3]
DOUTDC[0]
DOUTDB[0]
DOUTDA[0]
DOUTDC[1]
DOUTDB[1]
DOUTDA[1]
ODED2
CLRD
PCD2
LED
CLK(0)(-)
CLK(0)(+)
DRV_SOS8
NUEL
UMH
UML
USH
USL
UEH
5V_DET
AA_DDC6
AA_DDB6
AA_DDA6
AA_DDC7
AA_DDB7
AA_DDA7
AA_DDC4
AA_DDB4
AA_DDA4
AA_DDC5
AA_DDB5
AA_DDA5
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
AA_DDB3
AA_DDA3
AA_DDC0
AA_DDB0
AA_DDA0
AA_DDC1
AA_DDB1
AA_DDA1
AA_ODED2
AA_CLRD
AA_PCD2
AA_LED
AA_CLK_N
AA_CLK_P
BA_SOS8_SS
BA_NUEL
BA_UMH
BA_UML
BA_USH
BA_USL
BA_UEH
FL7201
J0HABH000013
C2_5V
R7270
22k
R7271
100k
R7245
EXB38V102JV
AA_CLK_P
AA_CLK_N
AA_ODED2
AA_CLRD
IC7201
C0JBAZ002692
BUFFER
C7229
16V
0.1u
C2_5V
R7246 22
R7247 22
R7248 22
R7249 22
R7268 47
R7269 47
AB_CLK_P2
AB_CLK_N2
AB_CLK_P1
AB_CLK_N1
AB_ODED2
AB_CLRD
R7258
EXB38V102JV
AA_PCD2
AA_LED
IC7205
C0JBAZ002692
BUFFER
C7244
16V
0.1u
C2_5V
R7251
EXB38V470JV
R7250
EXB38V470JV
AB_PCD2_1
AB_PCD2_2
AB_LED6
AB_LED7
AB_LED8
R7256
0
R7257
0
1
2
3
4
5
6
7
8
GND
NC
Vda 75V
C22
TO
C1-BOARD
(C12)
C7236
50V
100p
AB_LED5
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_CLRD
AB_CLK_P2
AB_ODED2
AB_CLK_N2
R7260
47
R7265
6.8
R7264
6.8
R7263
6.8
R7262
6.8
R7266
47
C7238
100V
0.47u
C7235
16V
1u
C7240
16V
1u
C7241
100V
0.47u
DM
NC
VDD2
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
ODE
FDET1
CB5
TO
PANEL DATA
DRIVER
C7210
50V
100p
AB_LED6
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
R7210
47
R7215
6.8
R7214
6.8
R7213
6.8
R7212
6.8
R7217
47
C7201
100V
0.47u
C7209
16V
1u
C7203
16V
1u
C7204
100V
0.47u
CB6
TO
PANEL DATA
DRIVER
A
B
C
D
E
1
2
3
4
5
6
7
8

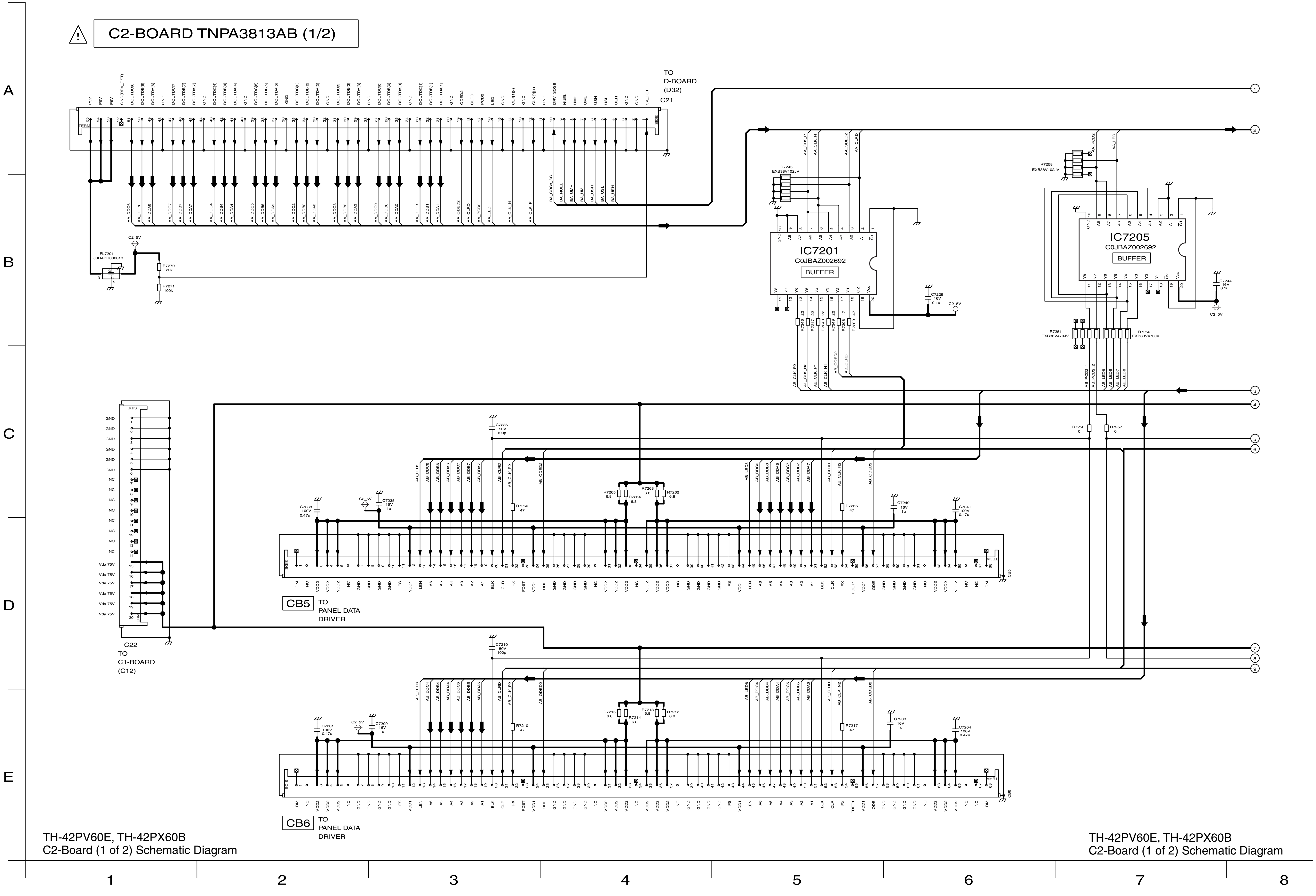
TH-37PV60E, TH-37PX60B
C2-Board (1 of 2) Schematic Diagram

TH-37PV60E, TH-37PX60B
C2-Board (1 of 2) Schematic Diagram

14.59. C2-Board (2 of 2) Schematic Diagram (37inch)


IC7202
C0JBAZ002692
BUFFER
IC7203
C0JBAZ002692
BUFFER
IC7204
C0JBAZ002692
BUFFER
R7237 EXB38V102JV
R7238 EXB38V102JV
R7239 EXB38V102JV
R7240 EXB38V102JV
R7241 EXB38V102JV
R7242 EXB38V102JV
R7201 EXB38V470JV
R7202 EXB38V470JV
R7203 EXB38V470JV
R7204 EXB38V470JV
R7205 EXB38V470JV
R7206 EXB38V470JV
R7207 EXB38V470JV
R7216 EXB38V470JV
ZA7201 K4CD01000013
ZA7202 K4CD01000013
ZA7203 K4CD01000013
ZA7204 K4CD01000013
TO SS-BOARD (SS23)
C23
C2_5V
R7229 0
R7219 220k
5V
NUEL
UEH
USL
USH
UML
UMH
SOS8_SS
GND
NC
Vda75V
Vda75V
BA_NUEL
BA_UEH
BA_USL
BA_USH
BA_UML
BA_UMH
BA_SOS8_SS
CB7
TO PANEL DATA DRIVER
CB8
TO PANEL DATA DRIVER
C2-BOARD TNPA3803AB (2/2)
1
2
3
4
5
6
7
8

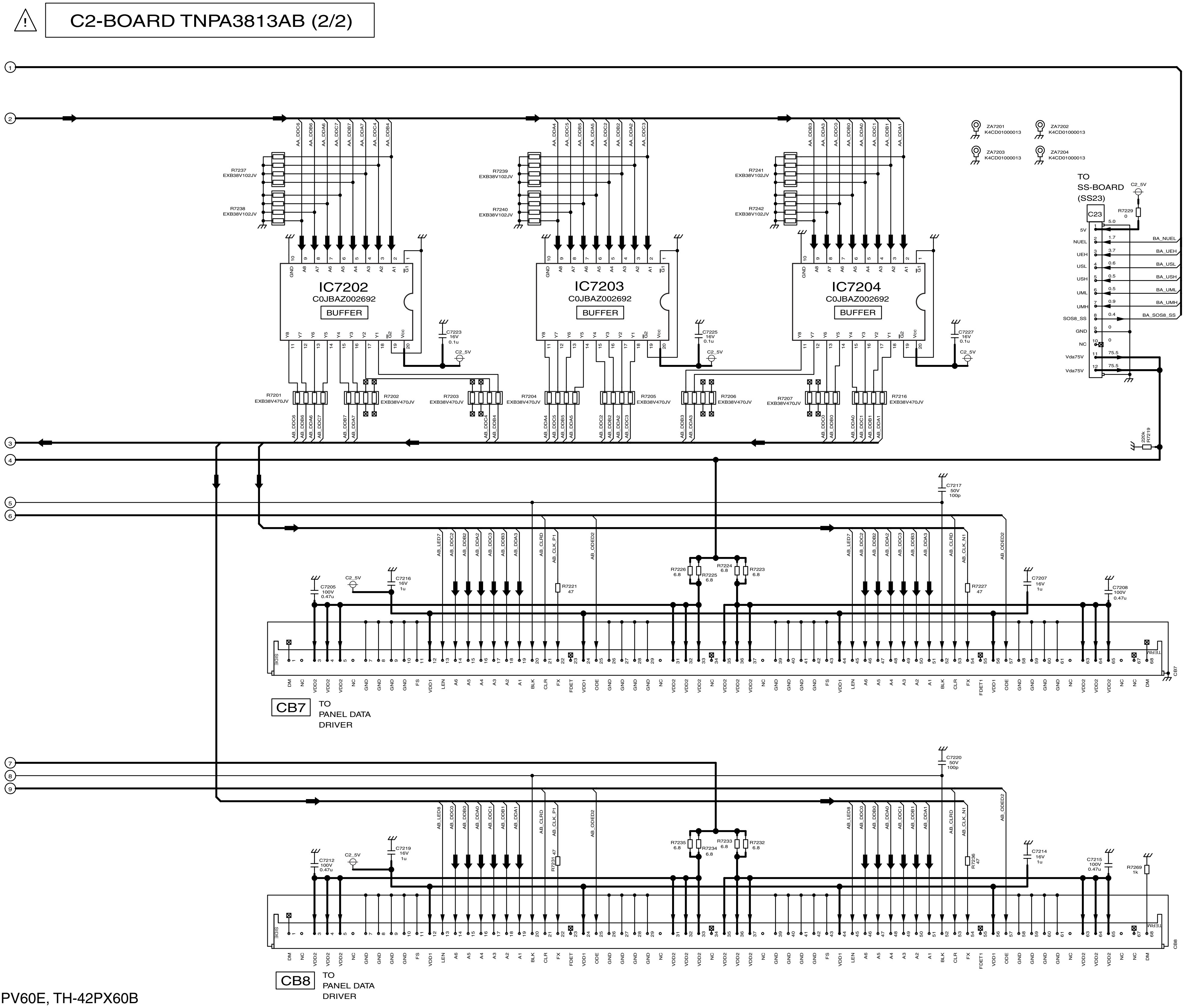
14.60. C2-Board (1 of 2) Schematic Diagram (42inch)


C2-BOARD TNPA3813AB (1/2)
TO
D-BOARD
(D32)
C21
R7245
EXB38V102JV
R7258
EXB38V102JV
IC7201
C0JBAZ002692
BUFFER
IC7205
C0JBAZ002692
BUFFER
FL7201
J0HABH000013
C2_5V
R7270
22k
R7271
100k
C7229
16V
0.1u
C7244
16V
0.1u
R7251
EXB38V470JV
R7250
EXB38V470JV
R7256
0
R7257
0
C7236
50V
100p
C7238
100V
0.47u
C7235
16V
1u
R7260
47
R7265
6.8
R7263
6.8
R7264
6.8
R7262
6.8
R7266
47
C7240
16V
1u
C7241
100V
0.47u
CB5
TO
PANEL DATA
DRIVER
C22
TO
C1-BOARD
(C12)
C7210
50V
100p
C7201
100V
0.47u
C7209
16V
1u
R7210
47
R7215
6.8
R7213
6.8
R7214
6.8
R7212
6.8
R7217
47
C7203
16V
1u
C7204
100V
0.47u
CB6
TO
PANEL DATA
DRIVER
A
B
C
D
E
1
2
3
4
5
6
7
8

TH-42PV60E, TH-42PX60B
C2-Board (1 of 2) Schematic Diagram

TH-42PV60E, TH-42PX60B
C2-Board (1 of 2) Schematic Diagram

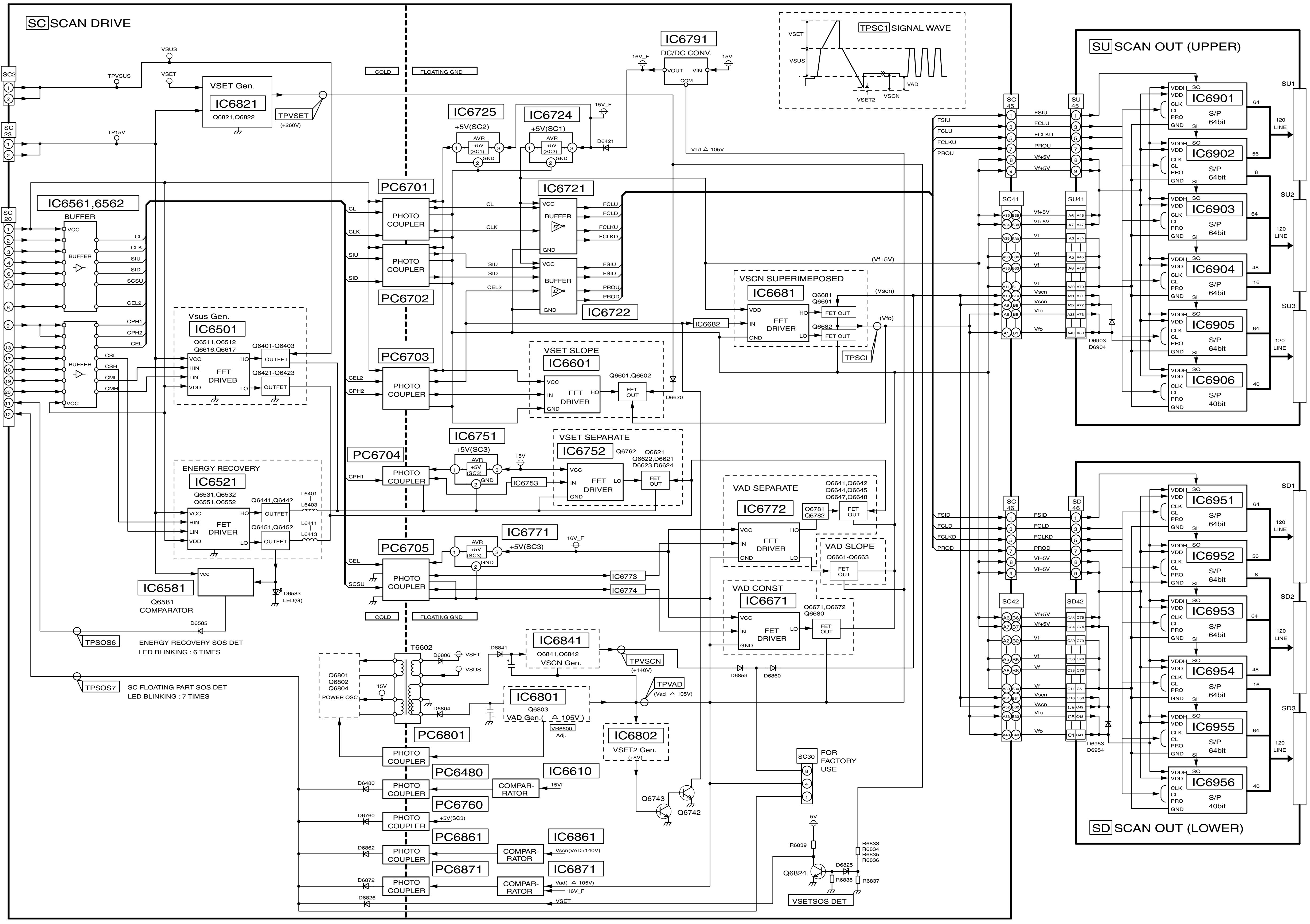
14.61. C2-Board (2 of 2) Schematic Diagram (42inch)


C2-BOARD TNPA3813AB (2/2)
IC7202
C0JBAZ002692
BUFFER
IC7203
C0JBAZ002692
BUFFER
IC7204
C0JBAZ002692
BUFFER
TO
SS-BOARD
(SS23)
C23
CB7
TO
PANEL DATA
DRIVER
CB8
TO
PANEL DATA
DRIVER

TH-42PV60E, TH-42PX60B
C2-Board (2 of 2) Schematic Diagram

TH-42PV60E, TH-42PX60B
C2-Board (2 of 2) Schematic Diagram

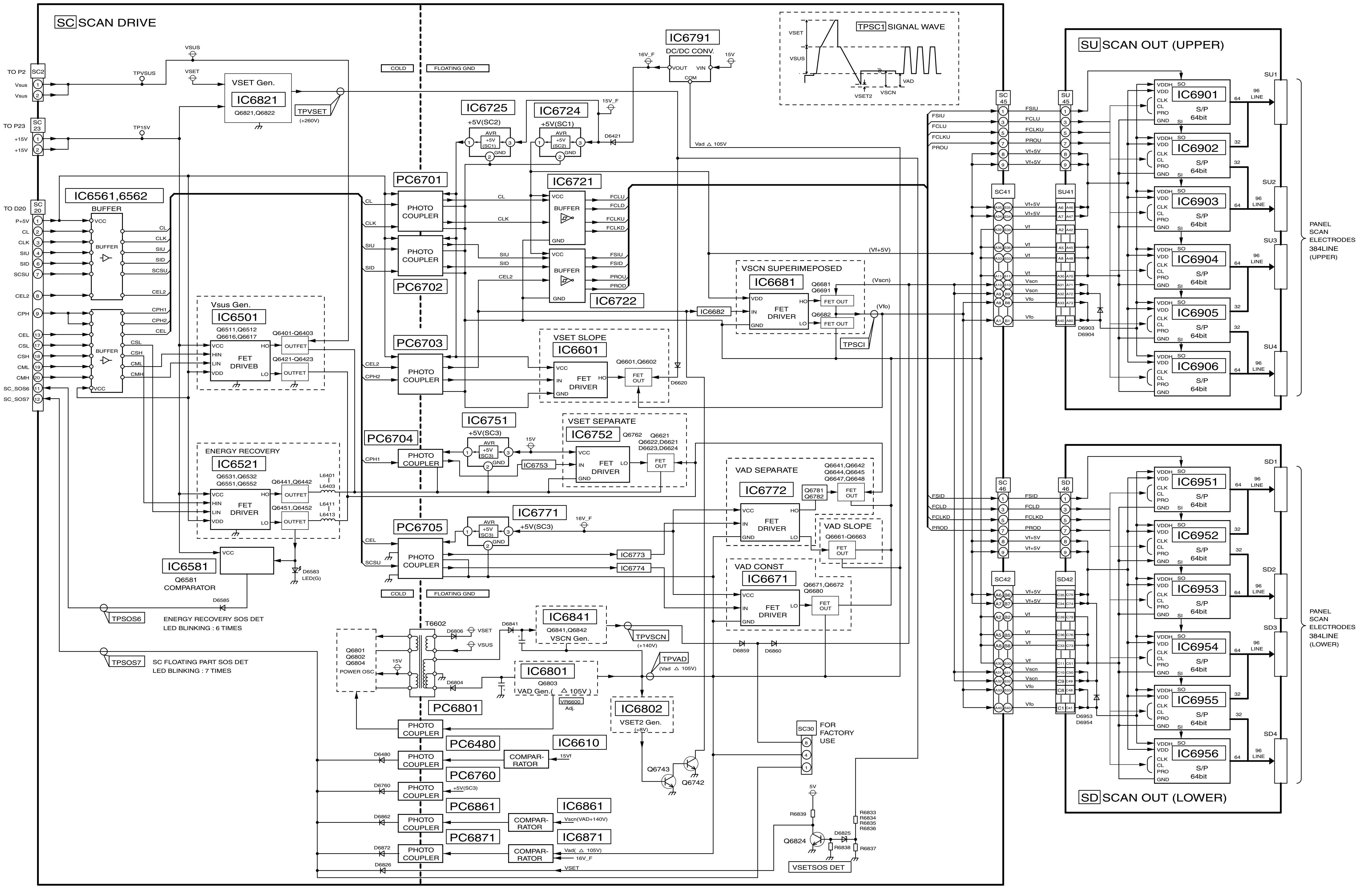
14.62. SC, SU and SD-Board Block Diagram (37inch)


SC SCAN DRIVE
TO P2
SC2
Vsus
TO P23
SC23
+15V
TO D20
SC20
P+5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
CEL
CSL
CSH
CML
CMH
SC_SOS6
SC_SOS7
VSUS
TPVSUS
VSET
VSET Gen.
IC6821
Q6821,Q6822
TPVSET
(+260V)
TP15V
IC6561,6562
BUFFER
VCC
COLD
FLOATING GND
IC6725
+5V(SC2)
AVR
IC6724
+5V(SC1)
15V_F
D6421
IC6791
DC/DC CONV.
16V_F
15V
VOUT
VIN
COM
Vad △ 105V
TPSC1 SIGNAL WAVE
VSUS
VSET2
VSCN
VAD
PC6701
PHOTO COUPLER
IC6721
FCLU
FCLD
FCLKU
FCLKD
FSIU
FSID
PROU
PROD
PC6702
IC6722
(Vf+5V)
VSCN SUPERIMEPOSED
IC6681
Q6681
Q6691
FET DRIVER
FET OUT
Q6682
(Vscn)
(Vfo)
IC6682
TPSCI
Vsus Gen.
IC6501
Q6511,Q6512
Q6616,Q6617
Q6401-Q6403
Q6421-Q6423
OUTFET
FET DRIVEB
PC6703
CPH2
VSET SLOPE
IC6601
Q6601,Q6602
D6620
IC6751
+5V(SC3)
PC6704
CPH1
VSET SEPARATE
IC6752
Q6762
Q6621
Q6622,D6621
D6623,D6624
IC6753
ENERGY RECOVERY
IC6521
Q6531,Q6532
Q6551,Q6552
Q6441,Q6442
Q6451,Q6452
L6401
L6403
L6411
L6413
VAD SEPARATE
IC6772
Q6781
Q6782
Q6641,Q6642
Q6644,Q6645
Q6647,Q6648
VAD SLOPE
Q6661-Q6663
IC6771
PC6705
IC6773
IC6774
VAD CONST
IC6671
Q6671,Q6672
Q6680
IC6581
Q6581
COMPARATOR
D6583
LED(G)
D6585
TPSOS6
ENERGY RECOVERY SOS DET
LED BLINKING : 6 TIMES
TPSOS7
SC FLOATING PART SOS DET
LED BLINKING : 7 TIMES
T6602
D6806
D6841
IC6841
Q6841,Q6842
VSCN Gen.
TPVSCN
(+140V)
TPVAD
(Vad △ 105V)
D6859
D6860
Q6801
Q6802
Q6804
POWER OSC
D6804
IC6801
Q6803
VAD Gen.(△ 105V)
VR6600
Adj.
IC6802
VSET2 Gen.
(+8V)
PC6801
PC6480
D6480
IC6610
COMPAR-RATOR
15Vf
PC6760
D6760
Q6743
Q6742
SC30
FOR FACTORY USE
5V
R6839
R6833
R6834
R6835
R6836
Q6824
D6825
R6838
R6837
PC6861
D6862
IC6861
Vscn(VAD+140V)
PC6871
D6872
IC6871
Vad(△ 105V)
D6826
VSETSOS DET
SC45
SU45
SC41
SU41
Vf+5V
Vf
Vscn
Vfo
D6903
D6904
SC46
SD46
SC42
SD42
D6953
D6954
SU SCAN OUT (UPPER)
SU1
SU2
SU3
IC6901
IC6902
IC6903
IC6904
IC6905
IC6906
S/P
64bit
40bit
VDDH
VDD
CLK
PRO
GND
SO
SI
120 LINE
PANEL SCAN ELECTRODES 360LINE (UPPER)
SD SCAN OUT (LOWER)
SD1
SD2
SD3
IC6951
IC6952
IC6953
IC6954
IC6955
IC6956
PANEL SCAN ELECTRODES 360LINE (LOWER)

TH-37PV60E, TH-37PX60B
SC, SU and SD-Board Block Diagram

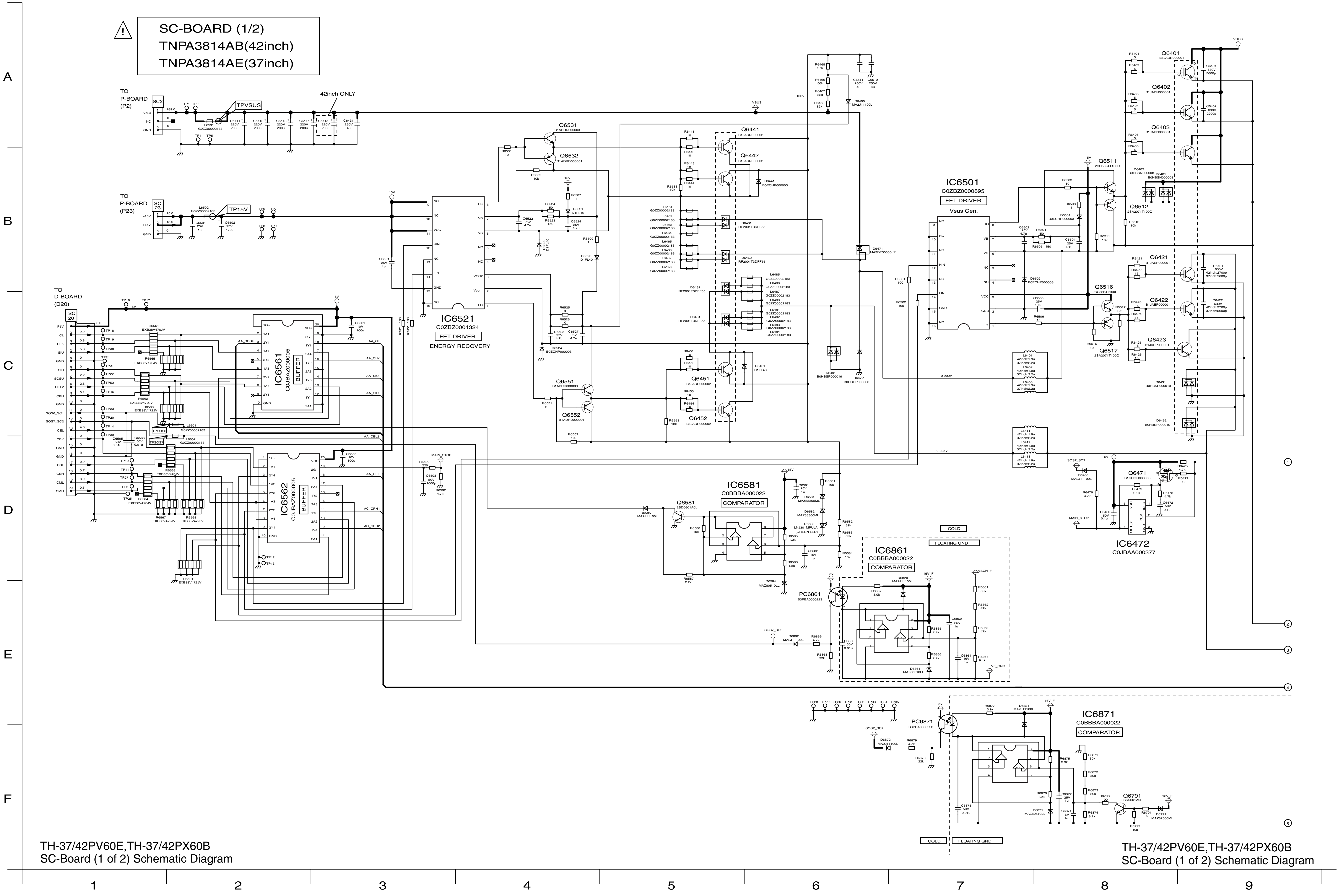
TH-37PV60E, TH-37PX60B
SC, SU and SD-Board Block Diagram

14.63. SC, SU and SD-Board Block Diagram (42inch)


SC SCAN DRIVE
TO P2
SC2
Vsus
TO P23
SC23
+15V
TO D20
SC20
P+5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
CEL
CSL
CSH
CML
CMH
SC_SOS6
SC_SOS7
VSUS
TPVSUS
VSET
TP15V
VSET Gen.
IC6821
Q6821,Q6822
TPVSET
(+260V)
IC6561,6562
BUFFER
Vsus Gen.
IC6501
Q6511,Q6512
Q6616,Q6617
Q6401-Q6403
Q6421-Q6423
OUTFET
FET DRIVEB
ENERGY RECOVERY
IC6521
Q6531,Q6532
Q6551,Q6552
Q6441,Q6442
Q6451,Q6452
L6401
L6403
L6411
L6413
FET DRIVER
IC6581
Q6581
COMPARATOR
D6583
LED(G)
D6585
TPSOS6
ENERGY RECOVERY SOS DET
LED BLINKING : 6 TIMES
TPSOS7
SC FLOATING PART SOS DET
LED BLINKING : 7 TIMES
COLD
FLOATING GND
IC6791
DC/DC CONV.
16V_F
15V
VOUT
VIN
COM
IC6725
+5V(SC2)
IC6724
+5V(SC1)
AVR
15V_F
D6421
Vad △ 105V
PC6701
PHOTO COUPLER
PC6702
IC6721
BUFFER
FCLU
FCLD
FCLKU
FCLKD
FSIU
FSID
PROU
PROD
IC6722
PC6703
VSET SLOPE
IC6601
Q6601,Q6602
FET OUT
D6620
VSCN SUPERIMEPOSED
IC6681
Q6681
Q6691
Q6682
IC6682
TPSCI
(Vf+5V)
(Vscn)
(Vfo)
IC6751
+5V(SC3)
PC6704
VSET SEPARATE
IC6752
Q6762
Q6621
Q6622,D6621
Q6623,D6624
IC6753
VAD SEPARATE
Q6641,Q6642
Q6644,Q6645
Q6647,Q6648
IC6772
Q6781
Q6782
VAD SLOPE
Q6661-Q6663
IC6771
PC6705
IC6773
IC6774
VAD CONST
IC6671
Q6671,Q6672
Q6680
T6602
D6806
VSUS
D6841
IC6841
Q6841,Q6842
VSCN Gen.
TPVSCN
(+140V)
TPVAD
(Vad △ 105V)
D6859
D6860
Q6801
Q6802
Q6804
POWER OSC
D6804
IC6801
Q6803
VAD Gen.(△105V)
VR6600
Adj.
IC6802
VSET2 Gen.
(+8V)
PC6801
PC6480
D6480
IC6610
COMPAR-RATOR
15Vf
PC6760
D6760
+5V(SC3)
PC6861
D6862
IC6861
COMPAR-RATOR
Vscn(VAD+140V)
PC6871
D6872
D6826
IC6871
Vad(△ 105V)
16V_F
Q6743
Q6742
SC30
FOR FACTORY USE
5V
R6839
Q6824
R6833
R6834
R6835
R6836
D6825
R6838
R6837
VSETSOS DET
TPSC1 SIGNAL WAVE
VSET2
VSCN
VAD
SC45
SU45
FSIU
FCLU
FCLKU
PROU
Vf+5V
SC41
SU41
Vf
Vscn
Vfo
D6903
D6904
SC46
SD46
FSID
FCLD
FCLKD
PROD
SC42
SD42
D6953
D6954
SU SCAN OUT (UPPER)
IC6901
IC6902
IC6903
IC6904
IC6905
IC6906
VDDH
VDD
CLK
CL
PRO
GND
SO
SI
S/P
64bit
64
32
96 LINE
SU1
SU2
SU3
SU4
PANEL SCAN ELECTRODES 384LINE (UPPER)
SD SCAN OUT (LOWER)
IC6951
IC6952
IC6953
IC6954
IC6955
IC6956
SD1
SD2
SD3
SD4
PANEL SCAN ELECTRODES 384LINE (LOWER)

TH-42PV60E, TH-42PX60B
SC, SU and SD-Board Block Diagram

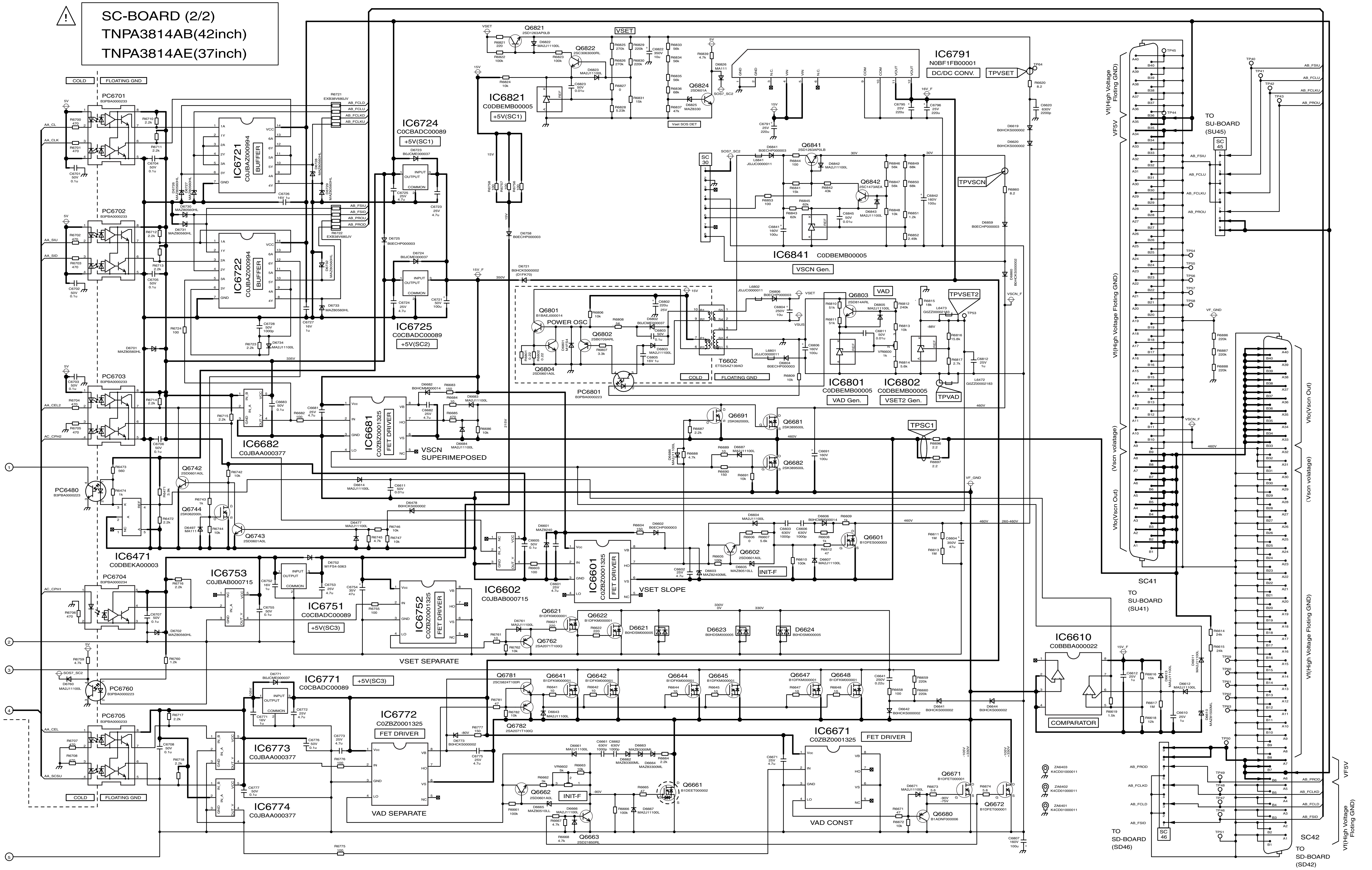
14.64. SC-Board (1 of 2) Schematic Diagram


SC-BOARD (1/2)
TNPA3814AB(42inch)
TNPA3814AE(37inch)
TO P-BOARD (P2)
SC2
TPVSUS
42inch ONLY
TO P-BOARD (P23)
SC23
TP15V
TO D-BOARD (D20)
SC20
IC6561
C0JBAZ000005
BUFFER
IC6562
C0JBAZ000005
BUFFER
IC6521
C0ZBZ0001324
FET DRIVER
ENERGY RECOVERY
Q6531
Q6532
Q6551
Q6552
Q6441
Q6442
Q6451
Q6452
IC6501
C0ZBZ0000895
FET DRIVER
Vsus Gen.
Q6401
Q6402
Q6403
Q6511
Q6512
Q6516
Q6517
Q6421
Q6422
Q6423
Q6471
IC6472
C0JBAA000377
IC6581
C0BBBA000022
COMPARATOR
Q6581
IC6861
C0BBBA000022
COMPARATOR
PC6861
B3PBA0000223
COLD
FLOATING GND
IC6871
C0BBBA000022
COMPARATOR
PC6871
B3PBA0000223
Q6791
VSUS
MAIN_STOP
SOS7_SC2
0-200V
0-305V
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PV60E,TH-37/42PX60B
SC-Board (1 of 2) Schematic Diagram

TH-37/42PV60E,TH-37/42PX60B
SC-Board (1 of 2) Schematic Diagram

14.65. SC-Board (2 of 2) Schematic Diagram

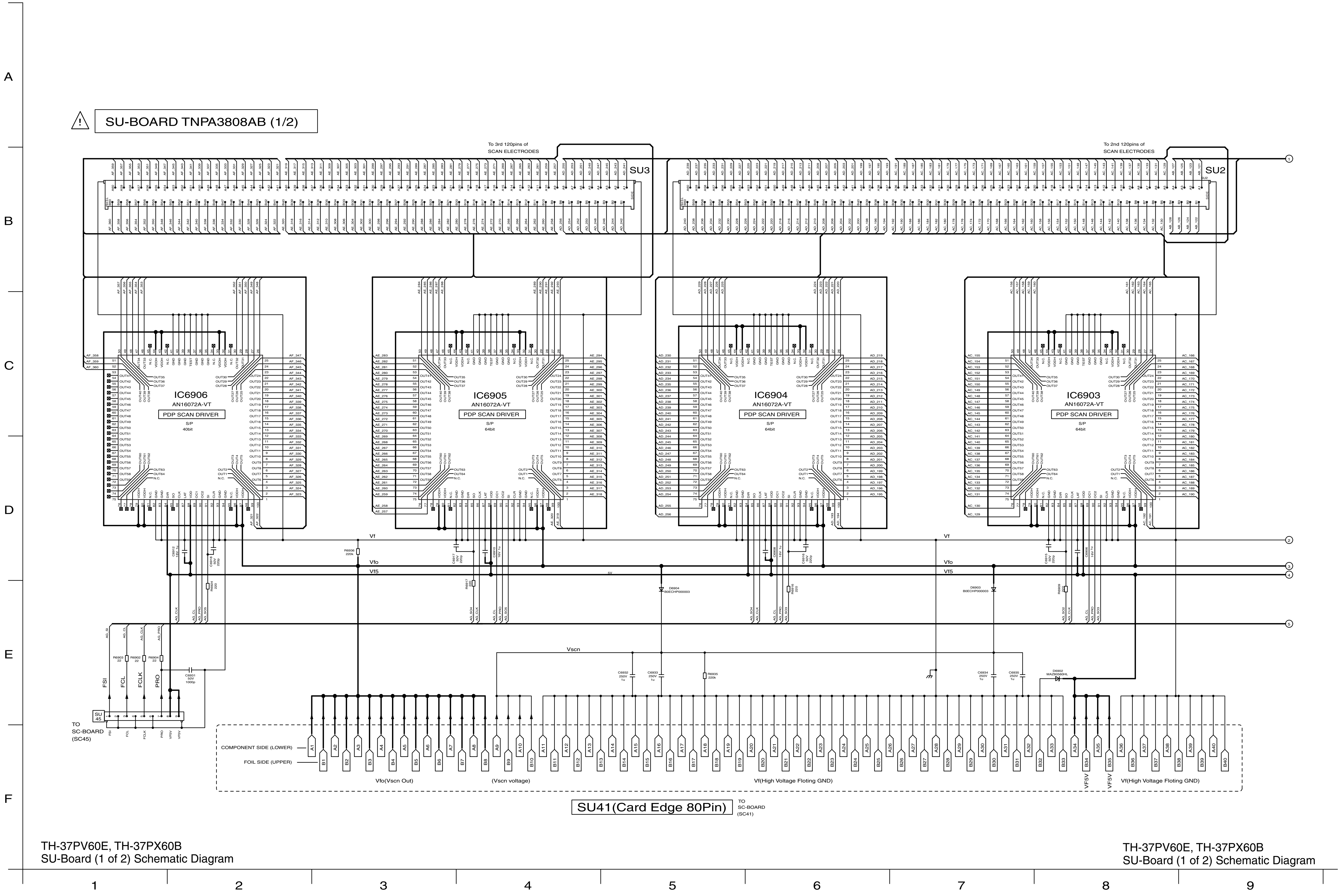

SC-BOARD (2/2)
TNPA3814AB(42inch)
TNPA3814AE(37inch)
COLD
FLOATING GND
PC6701
PC6702
PC6703
PC6704
PC6705
PC6480
PC6760
PC6801
IC6721
C0JBAZ000994
BUFFER
IC6722
C0JBAZ000994
BUFFER
IC6724
C0CBADC00089
+5V(SC1)
IC6725
C0CBADC00089
+5V(SC2)
IC6821
C0DBEMB00005
+5V(SC1)
Q6821
Q6822
Q6824
VSET
IC6791
N0BF1FB00001
DC/DC CONV.
TPVSET
SC 30
Q6841
Q6842
IC6841 C0DBEMB00005
VSCN Gen.
TPVSCN
Q6801
POWER OSC
Q6802
Q6804
T6602
Q6803
VAD
TPVSET2
IC6801
C0DBEMB00005
VAD Gen.
IC6802
C0DBEMB00005
VSET2 Gen.
TPVAD
IC6682
C0JBAA000377
IC6681
C0ZBZ0001325
FET DRIVER
VSCN
SUPERIMEPOSED
Q6691
Q6681
Q6682
TPSC1
Q6742
Q6744
Q6743
IC6471
C0DBEKA00003
IC6753
C0JBAB000715
IC6751
C0CBADC00089
+5V(SC3)
IC6752
C0ZBZ0001325
FET DRIVER
VSET SEPARATE
IC6602
C0JBAB000715
IC6601
C0ZBZ0001325
FET DRIVER
VSET SLOPE
Q6602
INIT-F
Q6601
Q6621
Q6622
Q6762
D6621
D6623
D6624
Q6781
Q6641
Q6642
Q6782
Q6644
Q6645
Q6647
Q6648
IC6771
C0CBADC00089
+5V(SC3)
IC6772
C0ZBZ0001325
FET DRIVER
VAD SEPARATE
IC6773
C0JBAA000377
IC6774
C0JBAA000377
Q6662
INIT-F
Q6663
Q6661
IC6671
C0ZBZ0001325
FET DRIVER
VAD CONST
Q6671
Q6672
Q6680
IC6610
C0BBBA000022
COMPARATOR
SC41
TO
SU-BOARD
(SU41)
SC 45
TO
SU-BOARD
(SU45)
SC 46
TO
SD-BOARD
(SD46)
SC42
TO
SD-BOARD
(SD42)
Vf(High Voltage Floting GND)
VF5V
Vfo(Vscn Out)
(Vscn volatage)
Vf(High Voltage Floting GND)
AB_FSIU
AB_FCLU
AB_FCLKU
AB_PROU
AB_PROD
AB_FCLKD
AB_FCLD
AB_FSID
AA_CL
AA_CLK
AA_SIU
AA_SID
AA_CEL2
AC_CPH2
AC_CPH1
AA_CEL
AA_SCSU
1
2
3
4
5

TH-37/42PV60E,TH-37/42PX60B
SC-Board (2 of 2) Schematic Diagram

TH-37/42PV60E,TH-37/42PX60B
SC-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

14.66. SU-Board (1 of 2) Schematic Diagram (37inch)

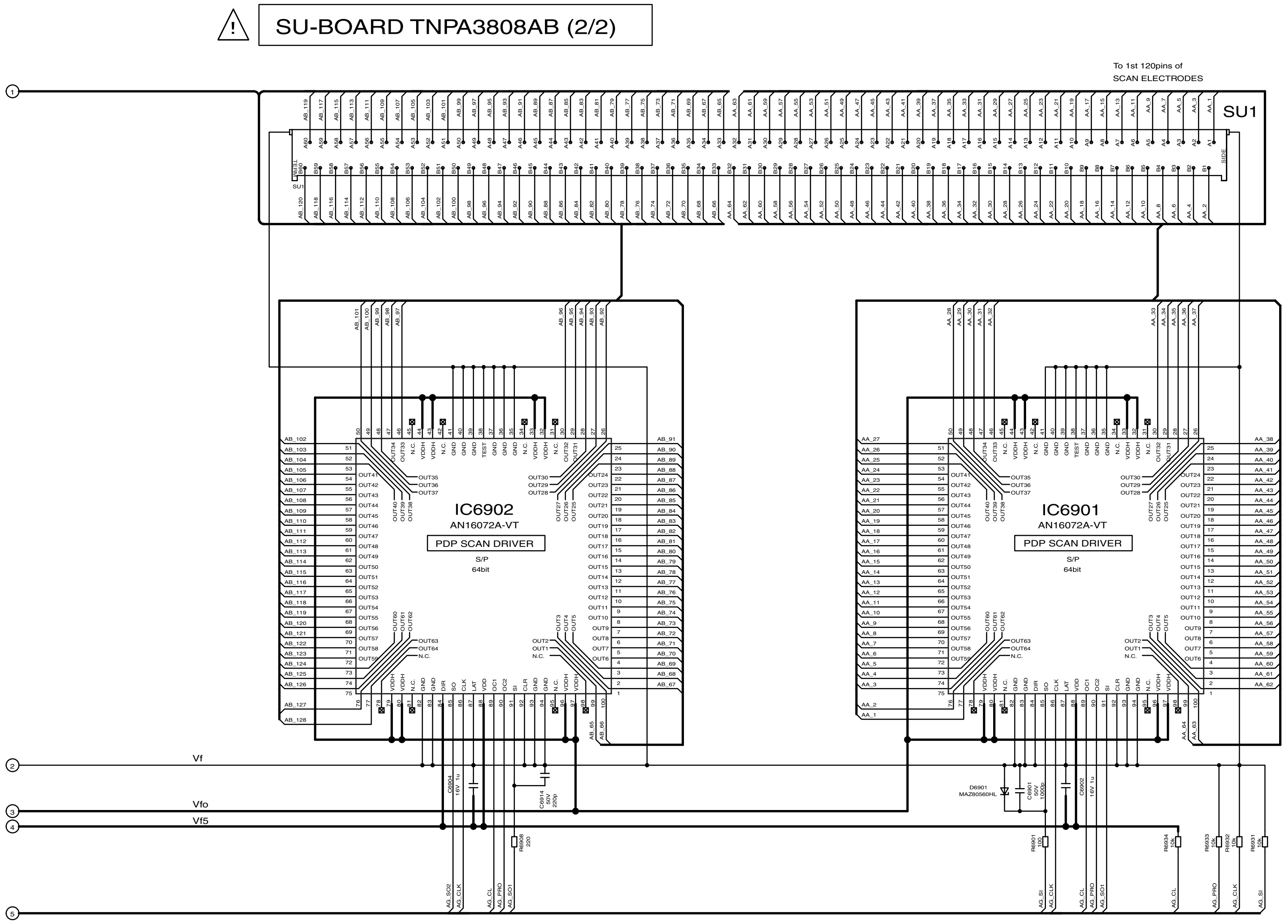


A
B
C
D
E
F
SU-BOARD TNPA3808AB (1/2)
To 3rd 120pins of SCAN ELECTRODES
SU3
To 2nd 120pins of SCAN ELECTRODES
SU2
IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P
40bit
IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6903
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vscn
R6936 220k
D6904 B0ECHP000003
D6903 B0ECHP000003
R6903 22
R6902 22
R6904 22
C6931 50V 1000p
C6932 250V 1u
C6933 250V 1u
R6935 220k
C6934 250V 1u
C6935 250V 1u
D6902 MAZ8056GHL
FSI
FCL
FCLK
PRO
SU45
TO SC-BOARD (SC45)
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vfo(Vscn Out)
(Vscn voltage)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
SU41(Card Edge 80Pin)
TO SC-BOARD (SC41)
1
2
3
4
5
6
7
8
9

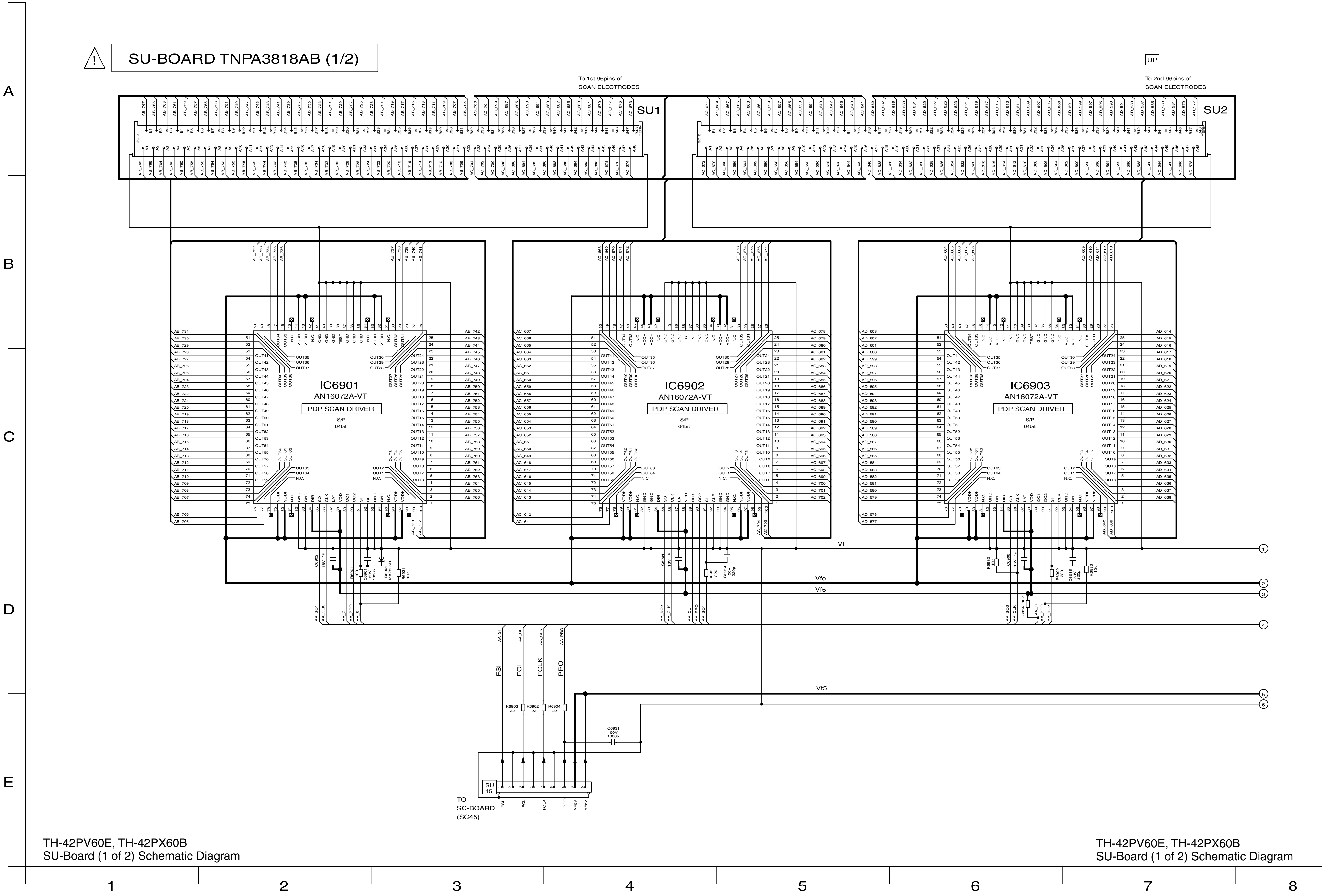
TH-37PV60E, TH-37PX60B
SU-Board (1 of 2) Schematic Diagram

TH-37PV60E, TH-37PX60B
SU-Board (1 of 2) Schematic Diagram

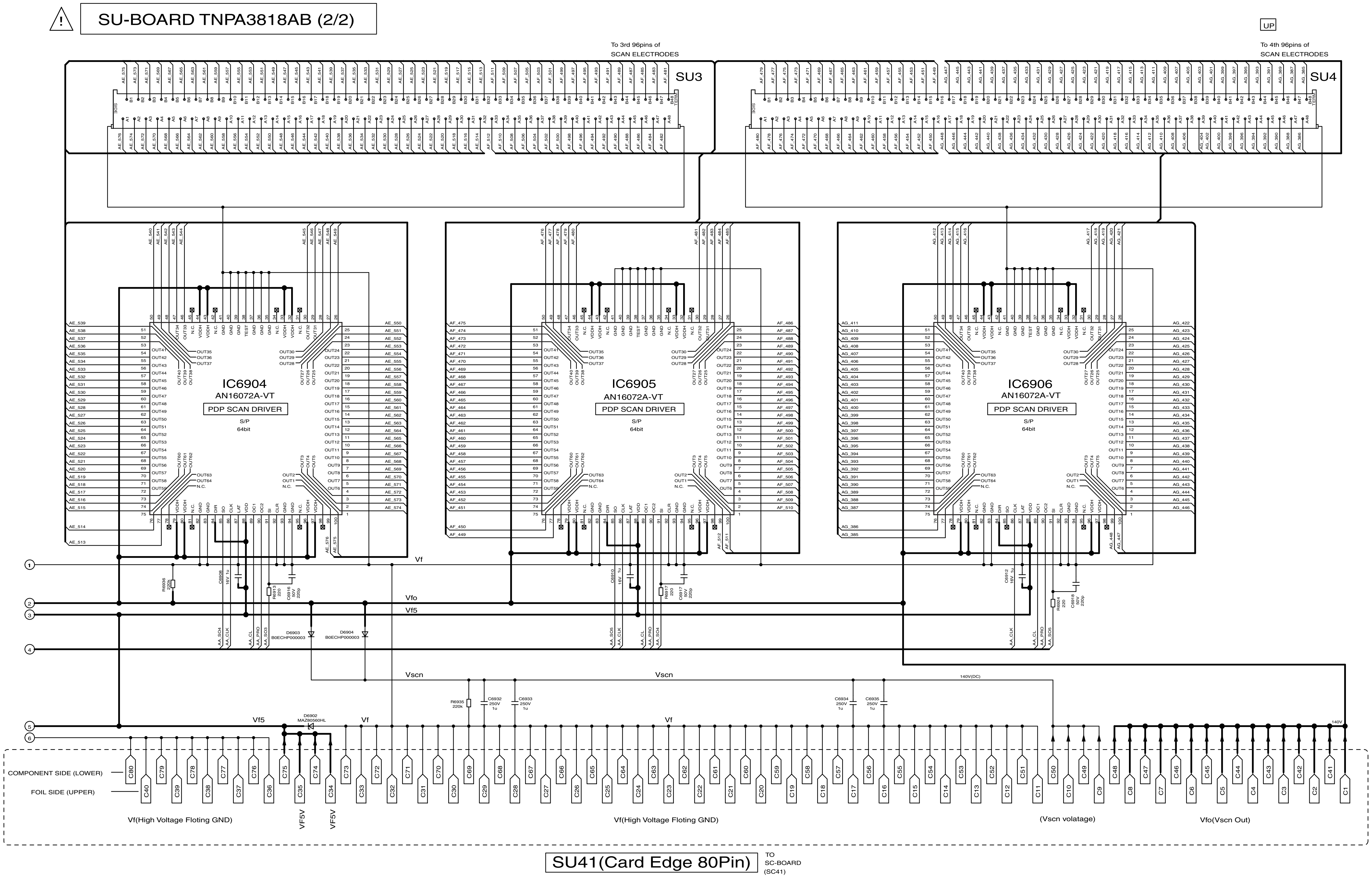
14.67. SU-Board (2 of 2) Schematic Diagram (37inch)


SU-BOARD TNPA3808AB (2/2)
To 1st 120pins of
SCAN ELECTRODES
SU1
IC6902
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6901
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
D6901
MAZ80560HL
1
2
3
4
5

14.68. SU-Board (1 of 2) Schematic Diagram (42inch)


SU-BOARD TNPA3818AB (1/2)
To 1st 96pins of SCAN ELECTRODES
To 2nd 96pins of SCAN ELECTRODES
UP
SU1
SU2
IC6901
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6902
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6903
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vf5
FSI
FCL
FCLK
PRO
R6903 22
R6902 22
R6904 22
C6931 50V 1000p
SU45
TO SC-BOARD (SC45)
FSI
FCL
FCLK
PRO
VF5V
VF5V
A
B
C
D
E
1
2
3
4
5
6
7
8
TH-42PV60E, TH-42PX60B
SU-Board (1 of 2) Schematic Diagram
TH-42PV60E, TH-42PX60B
SU-Board (1 of 2) Schematic Diagram

14.69. SU-Board (2 of 2) Schematic Diagram (42inch)

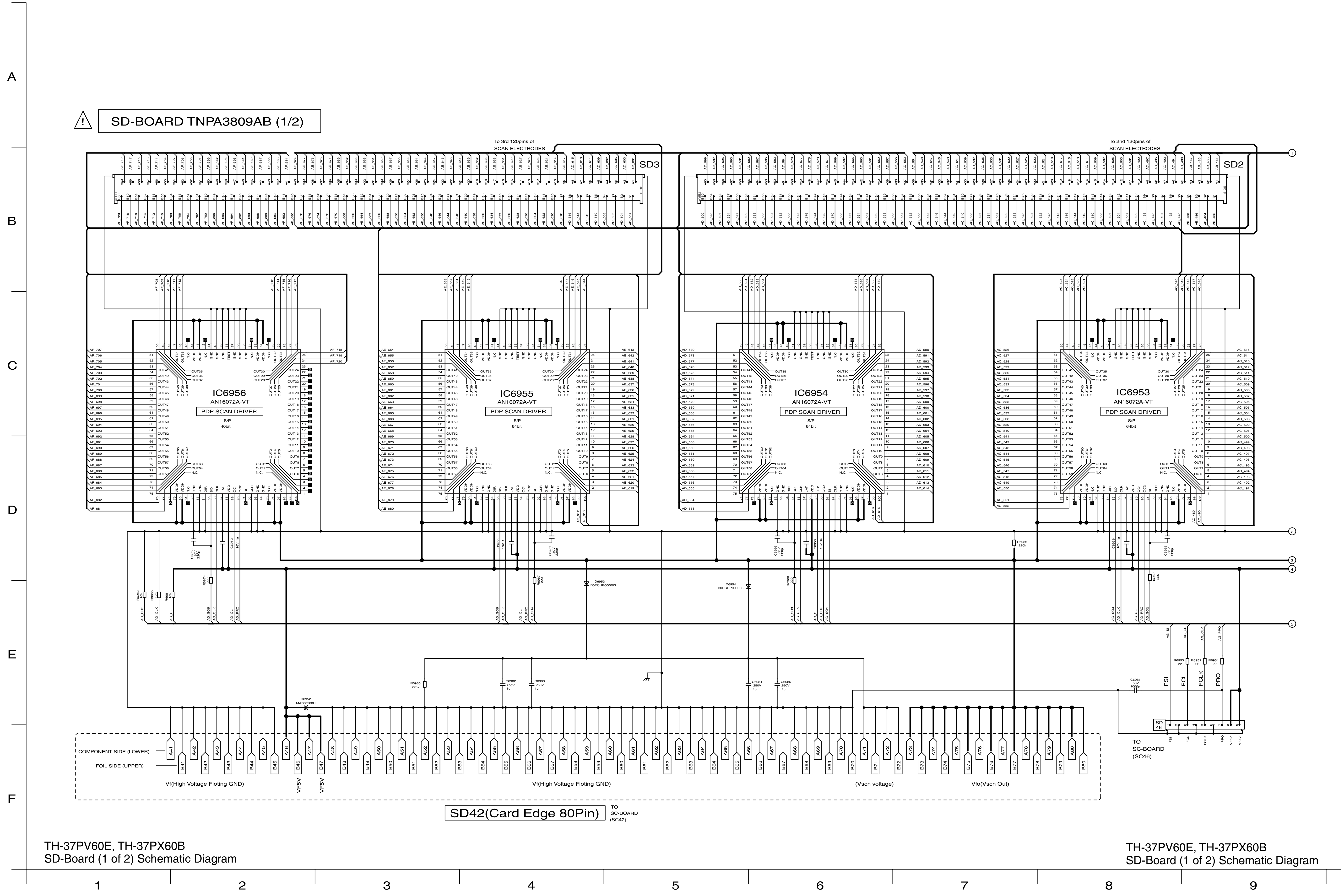

SU-BOARD TNPA3818AB (2/2)
UP
To 3rd 96pins of SCAN ELECTRODES
To 4th 96pins of SCAN ELECTRODES
SU3
SU4
IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
Vf
Vfo
Vf5
Vscn
140V(DC)
140V
D6902 MAZ80560HL
D6903 B0ECHP000003
D6904 B0ECHP000003
R6935 220k
C6932 250V 1u
C6933 250V 1u
C6934 250V 1u
C6935 250V 1u
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
(Vscn volatage)
Vfo(Vscn Out)
SU41(Card Edge 80Pin)
TO SC-BOARD (SC41)

TH-42PV60E, TH-42PX60B
SU-Board (2 of 2) Schematic Diagram

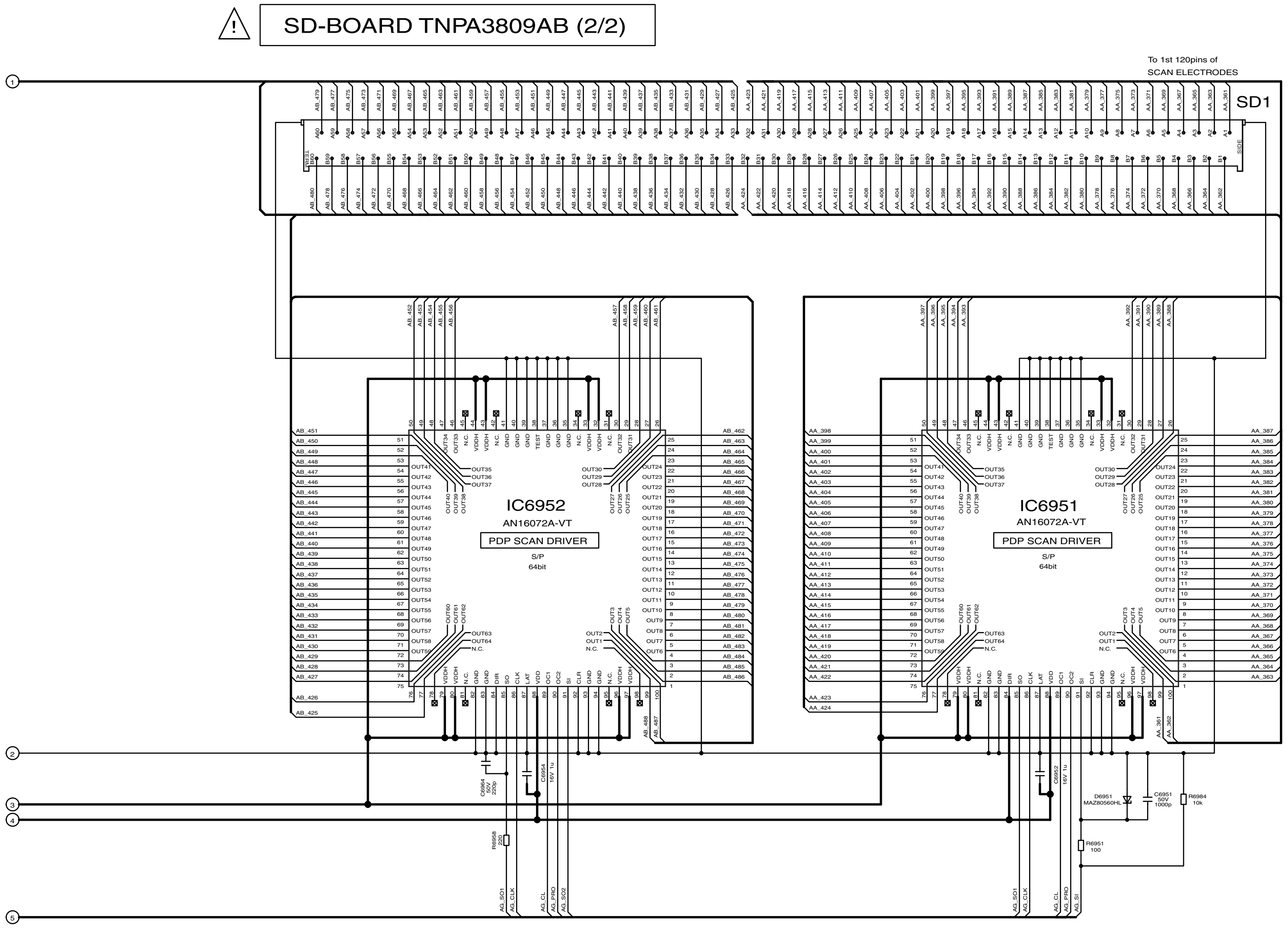
TH-42PV60E, TH-42PX60B
SU-Board (2 of 2) Schematic Diagram

8	9	10	11	12	13	14	15

14.70. SD-Board (1 of 2) Schematic Diagram (37inch)


SD-BOARD TNPA3809AB (1/2)
To 3rd 120pins of SCAN ELECTRODES
SD3
To 2nd 120pins of SCAN ELECTRODES
SD2
IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P
40bit
IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6953
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
D6952
MAZ8056OHL
D6953
B0ECHP000003
D6954
B0ECHP000003
R6985
220k
R6986
220k
C6982
250V
1u
C6983
250V
1u
C6984
250V
1u
C6985
250V
1u
C6981
50V
1000p
R6953
22
R6952
22
R6954
22
FSI
FCL
FCLK
PRO
SD46
TO
SC-BOARD
(SC46)
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
(Vscn voltage)
Vfo(Vscn Out)
SD42(Card Edge 80Pin)
TO
SC-BOARD
(SC42)
TH-37PV60E, TH-37PX60B
SD-Board (1 of 2) Schematic Diagram
TH-37PV60E, TH-37PX60B
SD-Board (1 of 2) Schematic Diagram
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

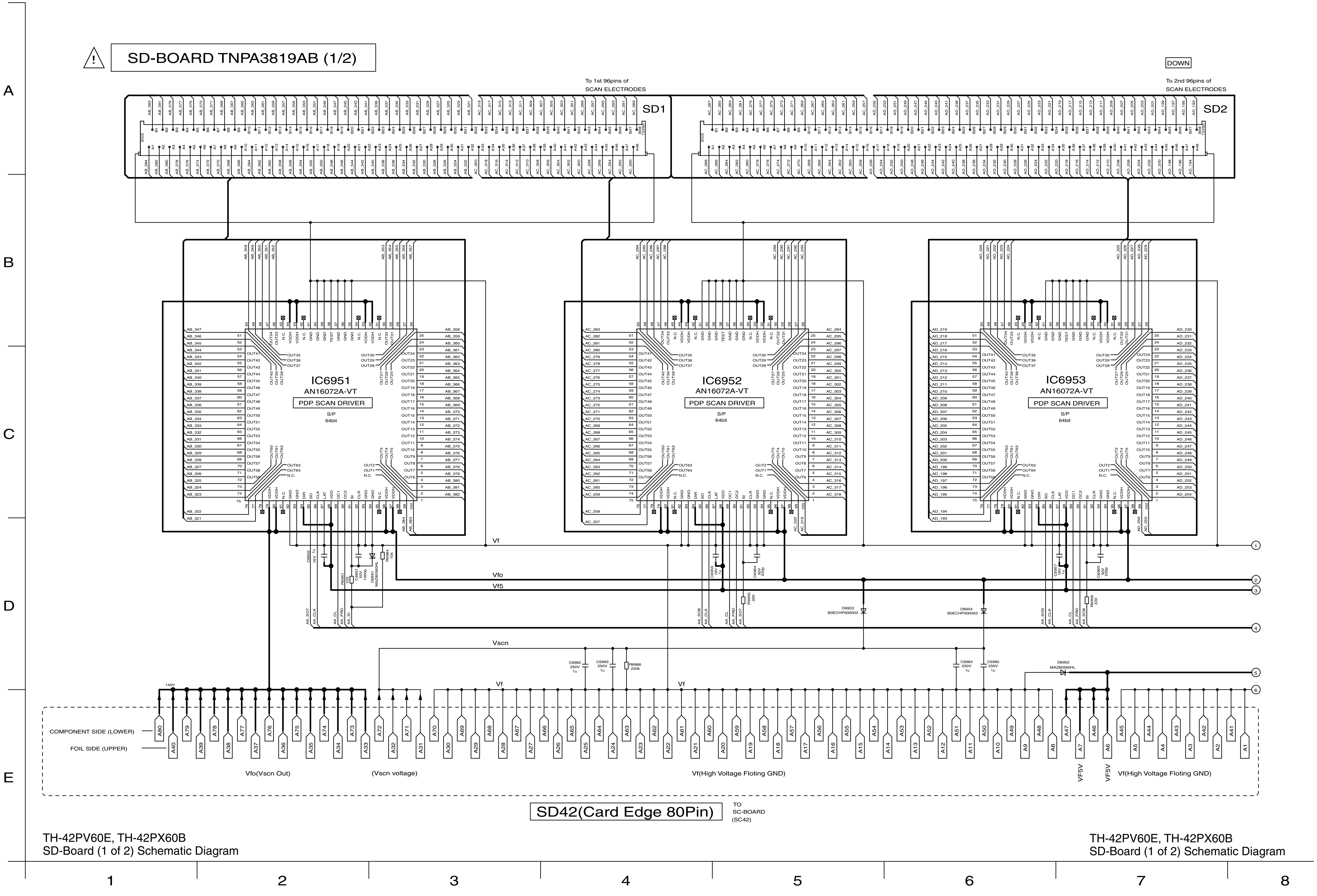
14.71. SD-Board (2 of 2) Schematic Diagram (37inch)


SD-BOARD TNPA3809AB (2/2)
To 1st 120pins of
SCAN ELECTRODES
SD1
IC6952
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6951
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6964
50V
220p
C6954
16V 1u
R6958
220
C6952
16V 1u
D6951
MAZ80560HL
C6951
50V
1000p
R6984
10k
R6951
100
AG_SO1
AG_CLK
AG_CL
AG_PRO
AG_SO2
AG_SO1
AG_CLK
AG_CL
AG_PRO
AG_SI
1
2
3
4
5

TH-37PV60E, TH-37PX60B
SD-Board (2 of 2) Schematic Diagram

TH-37PV60E, TH-37PX60B
SD-Board (2 of 2) Schematic Diagram

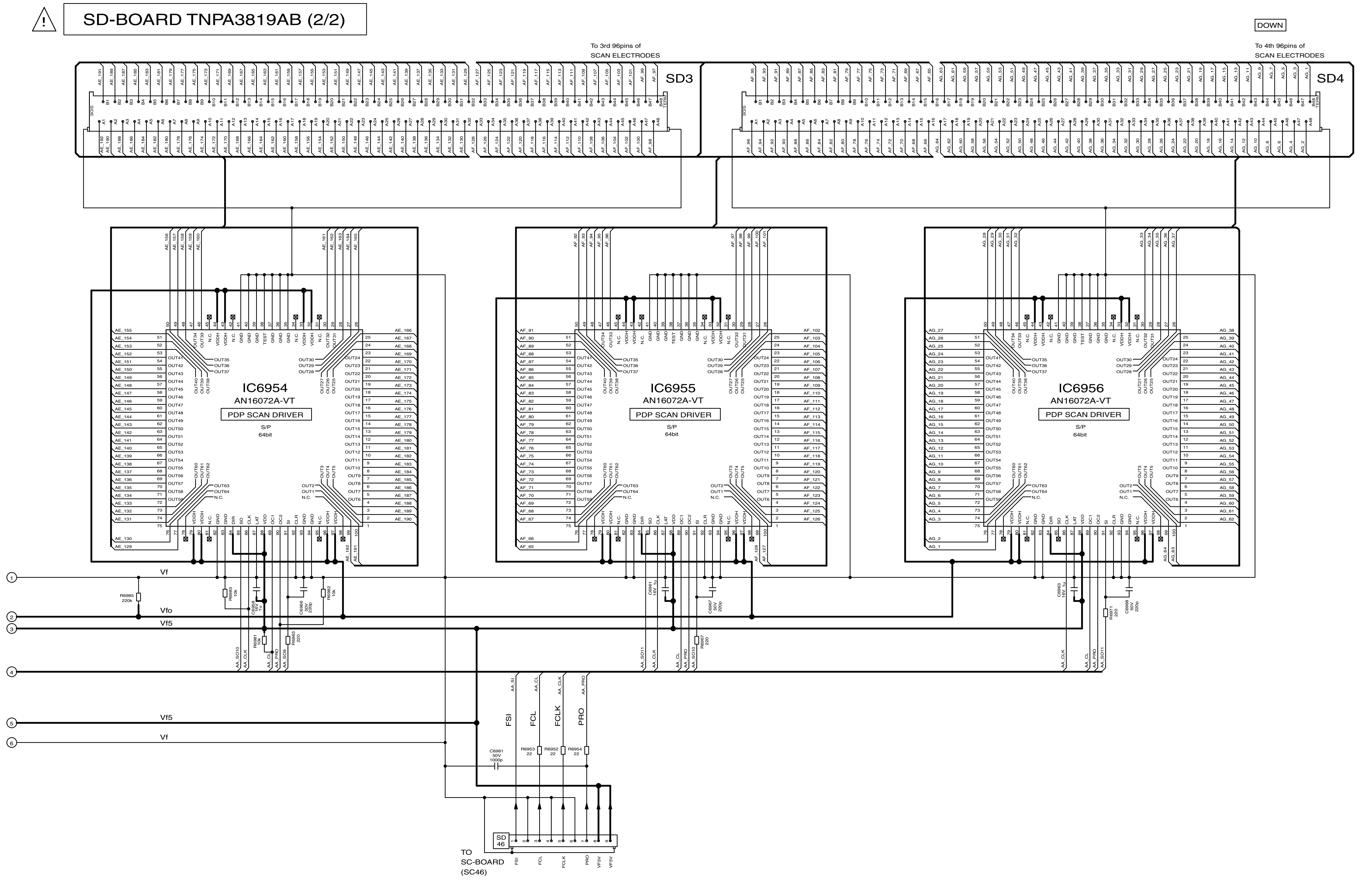
14.72. SD-Board (1 of 2) Schematic Diagram (42inch)


A
B
C
D
E
SD-BOARD TNPA3819AB (1/2)
To 1st 96pins of SCAN ELECTRODES
SD1
DOWN
To 2nd 96pins of SCAN ELECTRODES
SD2
IC6951
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6952
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6953
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
Vf
Vfo
Vf5
Vscn
140V
D6953 B0ECHP000003
D6954 B0ECHP000003
D6952 MAZ80560HL
C6982 250V 1u
C6983 250V 1u
R6986 220k
C6984 250V 1u
C6985 250V 1u
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vfo(Vscn Out)
(Vscn voltage)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
SD42(Card Edge 80Pin)
TO SC-BOARD (SC42)
1
2
3
4
5
6
7
8

TH-42PV60E, TH-42PX60B
SD-Board (1 of 2) Schematic Diagram

TH-42PV60E, TH-42PX60B
SD-Board (1 of 2) Schematic Diagram

14.73. SD-Board (2 of 2) Schematic Diagram (42inch)

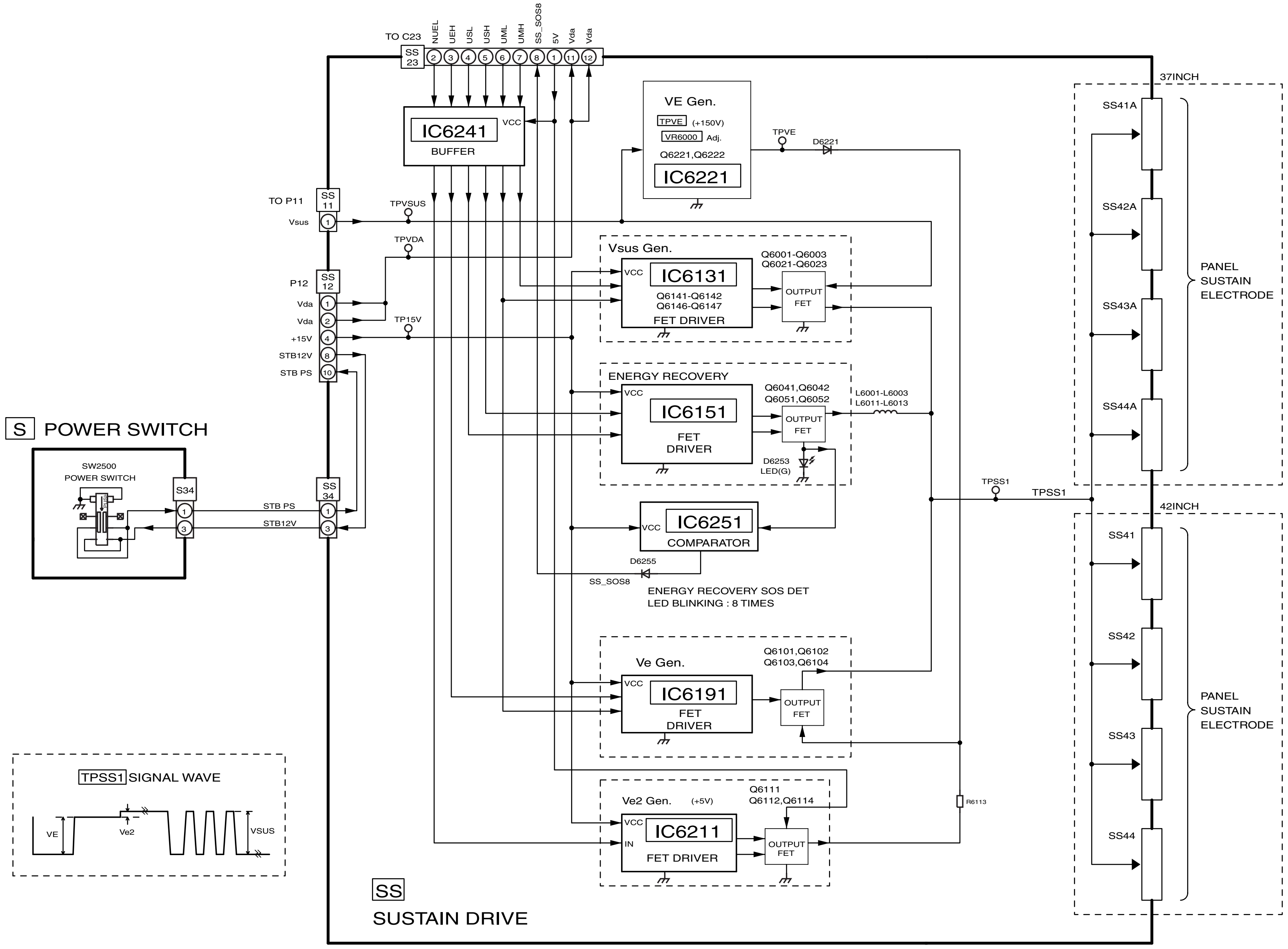

SD-BOARD TNPA3819AB (2/2)
DOWN
To 3rd 96pins of SCAN ELECTRODES
SD3
To 4th 96pins of SCAN ELECTRODES
SD4
IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
VDDH
N.C.
GND
DIR
SO
CLK
LAT
VDD
OC1
OC2
SI
CLR
TEST
Vf
Vfo
Vf5
R6985 220k
R6983 10k
C6958 16V 1u
C6966 50V 220p
R6982 10k
R6981 10k
R6963 220
C6961 16V 1u
C6967 50V 220p
R6967 220
C6963 16V 1u
C6968 50V 220p
R6971 220
AA_SO10
AA_CLK
AA_CL
AA_PRO
AA_SO9
AA_SO11
AA_SI
AA_CLK
AA_PRO
FSI
FCL
FCLK
PRO
C6981 50V 1000p
R6953 22
R6952 22
R6954 22
SD 46
FSI
FCL
FCLK
PRO
VF5V
VF5V
TO SC-BOARD (SC46)
1
2
3
4
5
6

TH-42PV60E, TH-42PX60B
SD-Board (2 of 2) Schematic Diagram

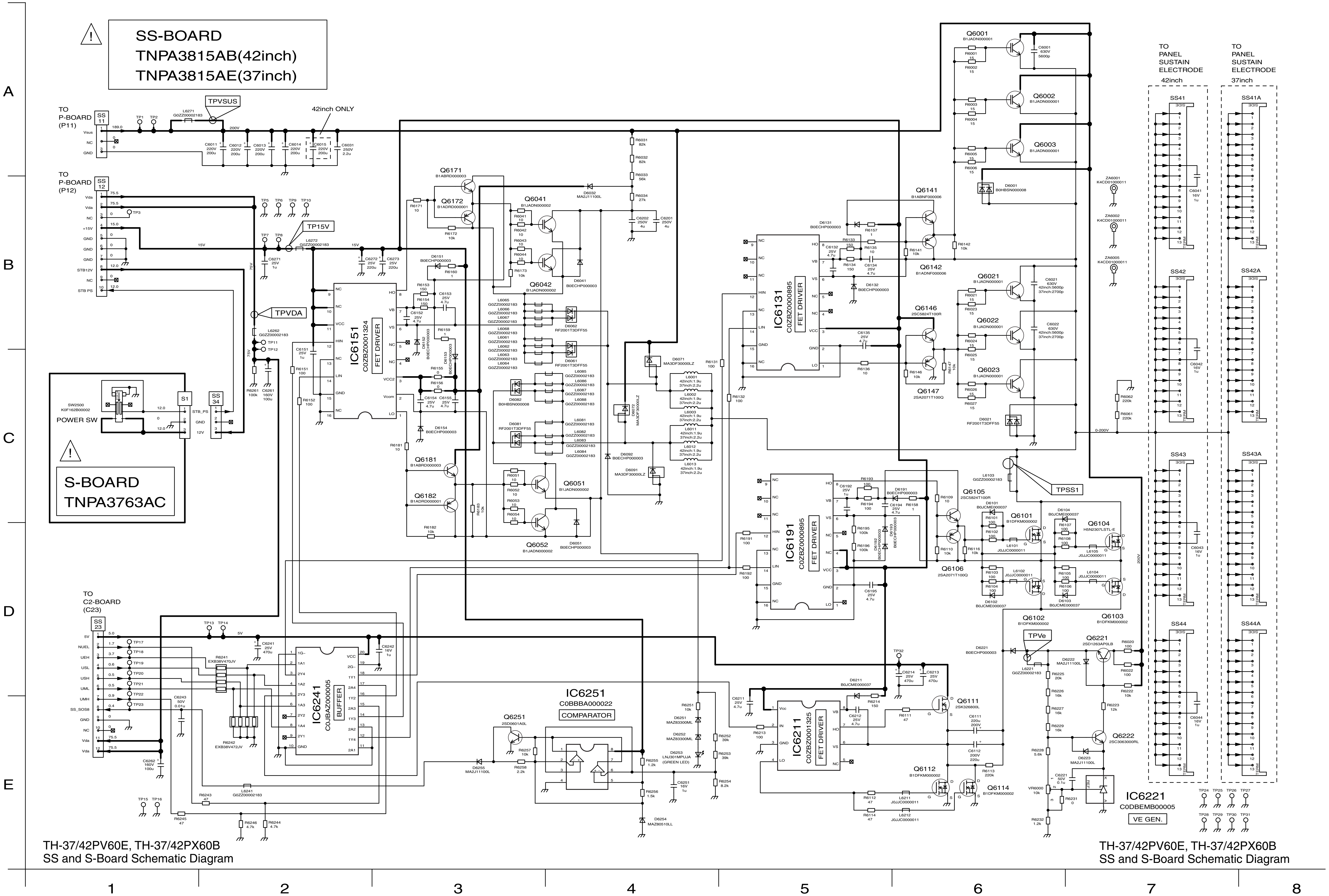
TH-42PV60E, TH-42PX60B
SD-Board (2 of 2) Schematic Diagram

8 9 10 11 12 13 14 15

14.74. SS and S-Board Block Diagram

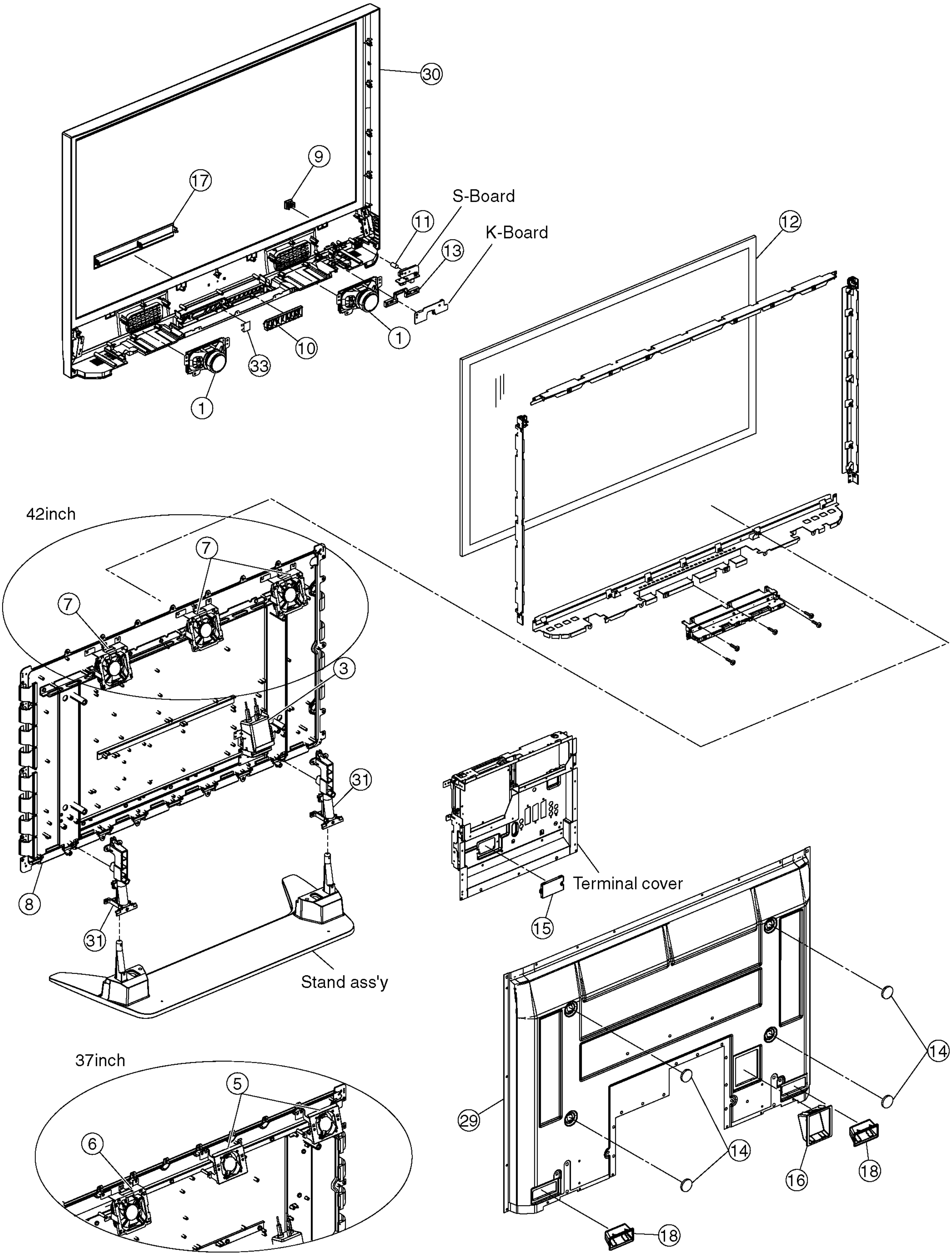

TO C23
SS 23
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
5V
Vda
Vda
IC6241
BUFFER
VCC
VE Gen.
TPVE (+150V)
VR6000 Adj.
Q6221,Q6222
IC6221
TPVE
D6221
TO P11
SS 11
Vsus
TPVSUS
TPVDA
P12
SS 12
Vda
Vda
+15V
STB12V
STB PS
TP15V
Vsus Gen.
VCC
IC6131
Q6141-Q6142
Q6146-Q6147
FET DRIVER
Q6001-Q6003
Q6021-Q6023
OUTPUT FET
ENERGY RECOVERY
IC6151
FET DRIVER
Q6041,Q6042
Q6051,Q6052
L6001-L6003
L6011-L6013
D6253
LED(G)
S POWER SWITCH
SW2500
POWER SWITCH
S34
SS 34
STB PS
STB12V
IC6251
COMPARATOR
D6255
SS_SOS8
ENERGY RECOVERY SOS DET
LED BLINKING : 8 TIMES
TPSS1
TPSS1
Ve Gen.
IC6191
FET DRIVER
Q6101,Q6102
Q6103,Q6104
R6113
TPSS1 SIGNAL WAVE
VE
Ve2
VSUS
Ve2 Gen.
(+5V)
IN
IC6211
FET DRIVER
Q6111
Q6112,Q6114
SS
SUSTAIN DRIVE
37INCH
SS41A
SS42A
SS43A
SS44A
PANEL
SUSTAIN
ELECTRODE
42INCH
SS41
SS42
SS43
SS44
PANEL
SUSTAIN
ELECTRODE

14.75. SS and S-Board Schematic Diagram

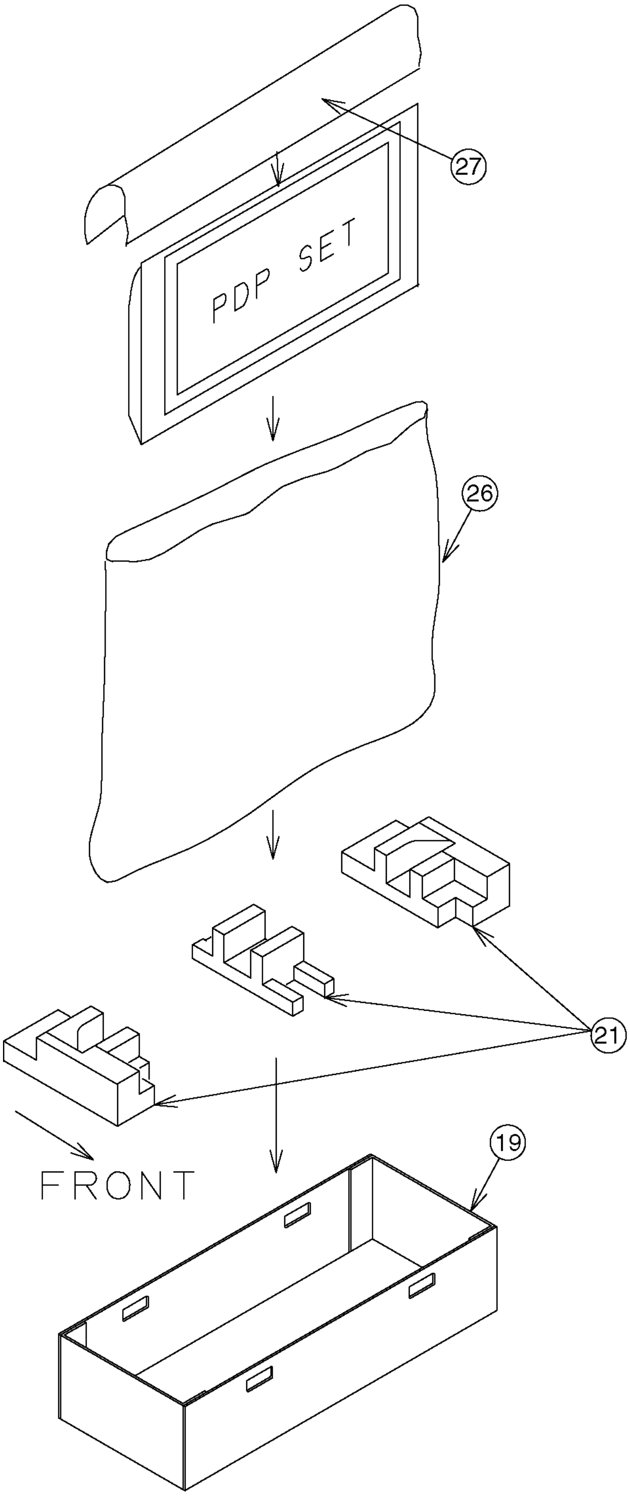

SS-BOARD
TNPA3815AB(42inch)
TNPA3815AE(37inch)
S-BOARD
TNPA3763AC
TO P-BOARD (P11)
SS 11
TO P-BOARD (P12)
SS 12
TO C2-BOARD (C23)
SS 23
S1
SS 34
POWER SW
SW2500
TPVSUS
TP15V
TPVDA
TPSS1
TPVe
42inch ONLY
IC6151
C0ZBZ0001324
FET DRIVER
IC6131
C0ZBZ0000895
FET DRIVER
IC6191
C0ZBZ0000895
FET DRIVER
IC6211
C0ZBZ0001325
FET DRIVER
IC6241
C0JBAZ000005
BUFFER
IC6251
C0BBBA000022
COMPARATOR
IC6221
C0DBEMB00005
VE GEN.
Q6001
Q6002
Q6003
Q6021
Q6022
Q6023
Q6041
Q6042
Q6051
Q6052
Q6101
Q6102
Q6103
Q6104
Q6105
Q6106
Q6111
Q6112
Q6114
Q6141
Q6142
Q6146
Q6147
Q6171
Q6172
Q6181
Q6182
Q6221
Q6222
Q6251
TO PANEL SUSTAIN ELECTRODE
42inch
37inch
SS41
SS42
SS43
SS44
SS41A
SS42A
SS43A
SS44A
A
B
C
D
E
1
2
3
4
5
6
7
8
TH-37/42PV60E, TH-37/42PX60B
SS and S-Board Schematic Diagram
TH-37/42PV60E, TH-37/42PX60B
SS and S-Board Schematic Diagram

15 Parts Location & Mechanical Replacement Parts List

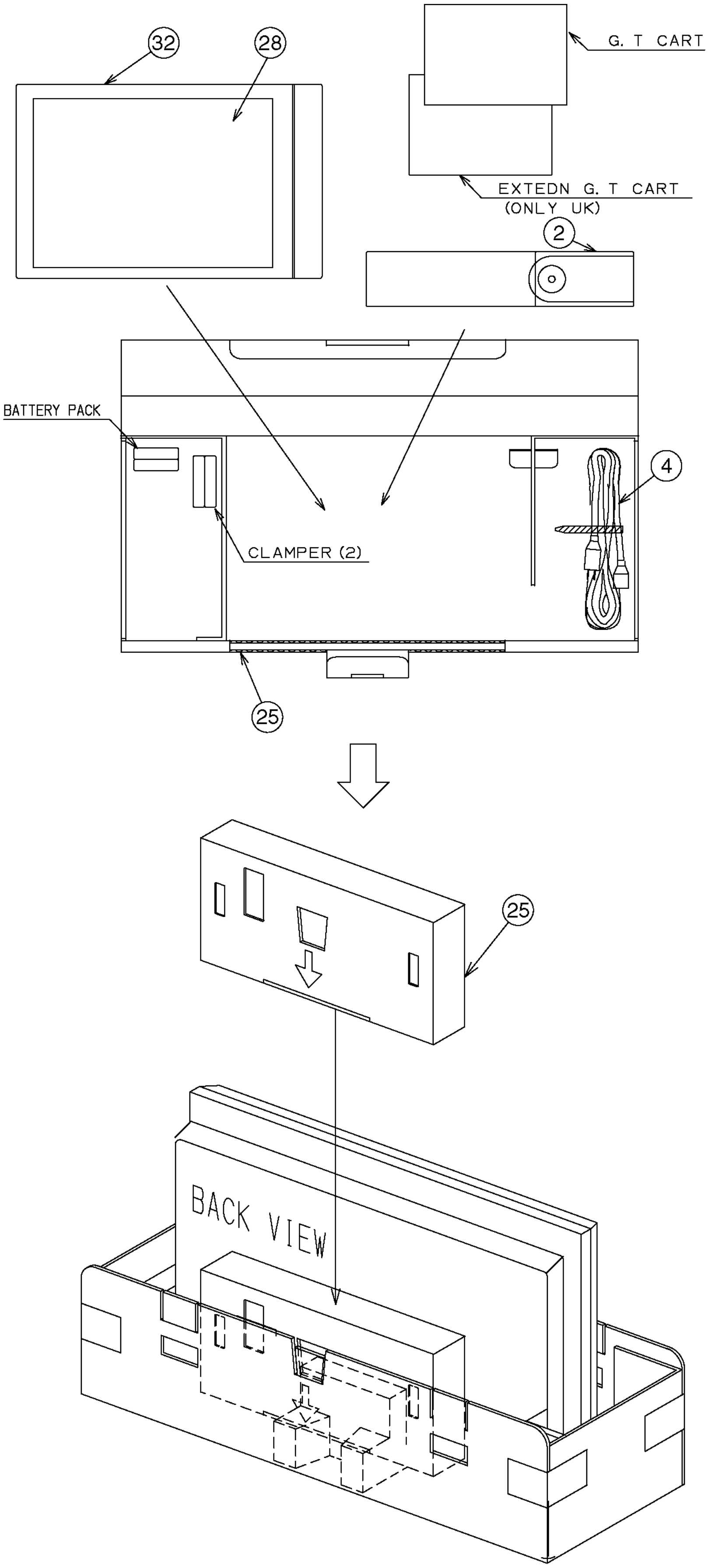
15.1. Parts Location


㉚
⑨
⑰
S-Board
⑪
K-Board
⑬
⑫
①
⑩
㉝
①
42inch
⑦
⑦
⑦
③
㉛
⑧
㉛
Stand ass'y
Terminal cover
⑮
⑭
㉙
⑭
⑯
⑱
⑱
37inch
⑤
⑥

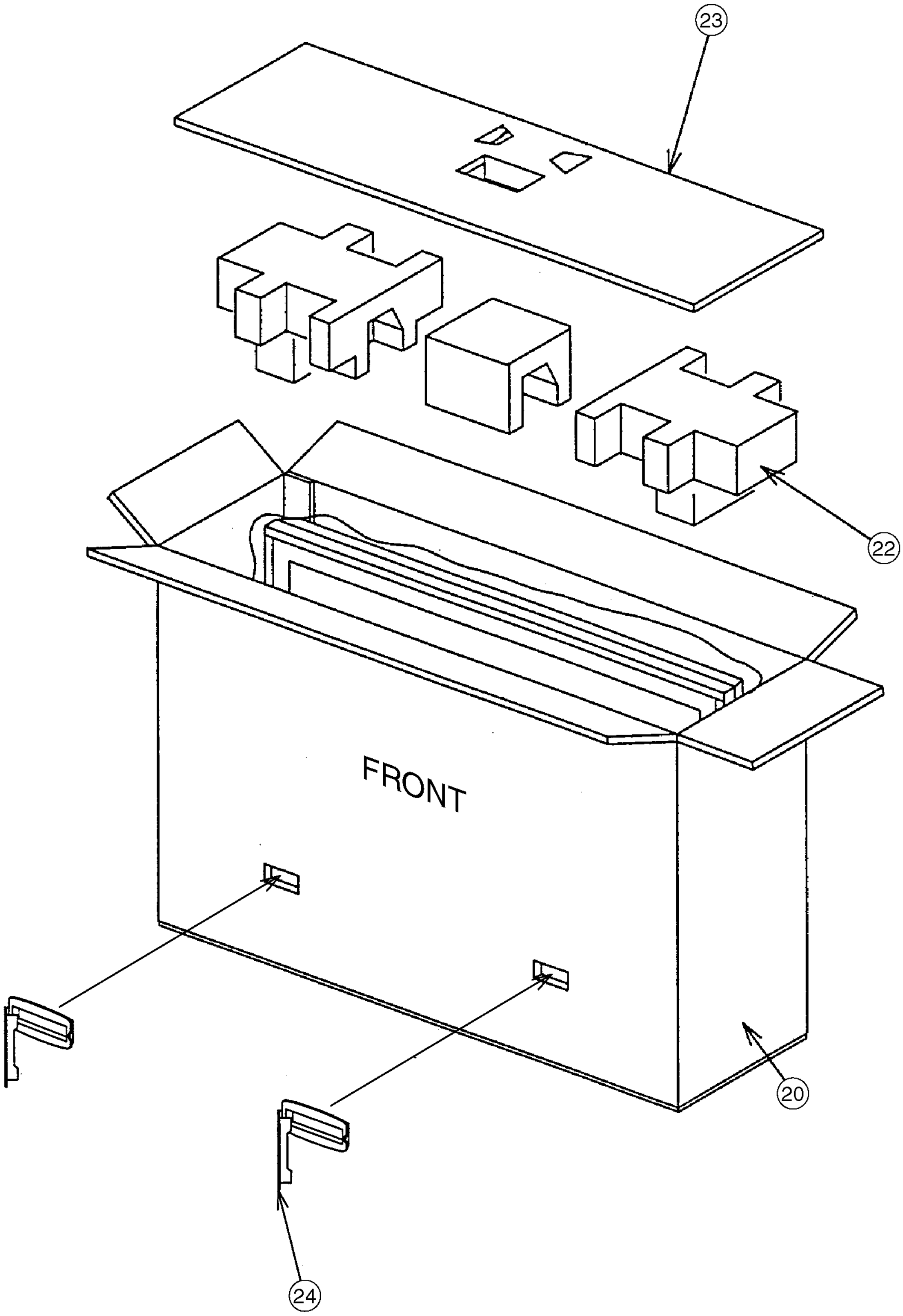
15.2. Packing Exploded Views (1)


27
PDP SET
26
21
FRONT
19

15.3. Packing Exploded Views (2)


32
28
G. T CART
EXTEDN G. T CART
(ONLY UK)
2
BATTERY PACK
4
CLAMPER (2)
25
25
BACK VIEW

15.4. Packing Exploded Views (3)


23
22
FRONT
20
24

15.5. Mechanical Replacement Parts List

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS12S10A	SPEAKER	2	
2	EUR7651080	REMOTE CONTROL	1	TH-37/42PX60B PAVCCZ
2	EUR7651090	REMOTE CONTROL	1	TH-37/42PV60E PAVCCZ
	J2ZZ00000054	RF-CABLE	1	TH-37/42PX60B PAVCCZ (see CHAP.6.7.2)
3	K2AHYH000005	AC INLET	1	⚠
4	K2CN3DH00006	AC CORD	1	TH-37/42PV60E ⚠
4	K2CT3DH00018	AC CORD	1	TH-37/42PX60B ⚠
5	L6FAKEDH0013	FAN (SMALL)	2	37inch
6	L6FALEFH0041	FAN (80MM)	1	37inch
7	L6FALEFH0041	FAN (80MM)	3	42inch
8	MD37H09A1J	PLASMA DISPLAY PANEL	1	⚠ 37inch
8	MD42H09A1J	PLASMA DISPLAY PANEL	1	⚠ 42inch
	TBMA185	PANASONIC BADGE	1	
9	TBX0E81801	POWER BUTTON	1	PAVCCZ
10	TBX0E81900	CONTROL BUTTON	1	PAVCCZ
11	TES4G204	POWER BUTTON SPRING	1	PAVCCZ
33	TESA274	LEAF SPRING	1	
	THEL035N	SCREW	72	37inch
	THEL035N	SCREW	71	42inch
	THEL0429	SCREW	28	
	THTD010N	SCREW	9	
	THTD011J	SCREW	2	
12	TKGA5263	FRONT GLASS	1	37inch PAVCCZ
12	TKGA5264	FRONT GLASS	1	42inch PAVCCZ
13	TKKC5239	PANEL LIGHT	1	TH-37/42PV60E
13	TKKC5240	PANEL LIGHT	1	TH-37/42PX60B PAVCCZ
14	TKKL5231	COVER	4	
15	TKKL5269	COVER	1	
16	TKPA94301	INLET COVER	1	
17	TKP0E16302	DOOR	1	PAVCA
18	TKR0E0101	REAR COVER HANDLE	2	PAVCCZ
	TKR0E0102	REAR COVER HOOK LEFT	1	PAVCCZ
	TKR0E0103	REAR COVER HOOK RIGHT	1	PAVCCZ
	TMK0E724	SPONGE (FRONT GLASS V)	2	37inch PAVCCZ
	TMK0E722	SPONGE (FRONT GLASS V)	2	42inch PAVCCZ
	TMK0E730	SPONGE (FRONT GLASS H)	2	37inch PAVCCZ
	TMK0E729	SPONGE (FRONT GLASS H)	2	42inch PAVCCZ
	TMK0E736	SPEAKER SPONGE	2	37inch PAVCCZ
	TMK0E723	SPEAKER SPONGE	2	42inch PAVCCZ
	TMKG562	SPONGE (FAN)	1	37inch
	TMKG665	SPONGE (FAN)	2	37inch PAVCCZ
	TMKG562	SPONGE (FAN)	3	42inch
	TMKG666	SPONGE	1	
	TMM0E301	M8 SPACER	4	PAVCCZ
	TMM15481	CLAMPER	4	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	6	37inch
	TMM25401	CLAMPER	8	42inch
	TMM7464-2	CLAMPER	2	
	TMM7468-1	CLAMPER	1	
	TMME047	CLAMPER	3	TH-37/42PV60E
	TMME047	CLAMPER	4	TH-37/42PX60B
	TMME061	CLAMPER	6	
	TMME075	EADG SADOLE	3	
	TMME190	CLAMPER	2	
	TMME226	CLAMPER	1	
	TMME258	CLAMPER	2	
	TMME260	CLAMPER	5	
	TMMJ068	RUBBER (FAN)	9	
19	TPC0E64701	CARTON BOX BOTTOM	1	37inch PAVCCZ
19	TPC0E64901	CARTON BOX BOTTOM	1	42inch PAVCCZ
20	TPC0E67101	CARTON BOX TOP	1	37inch PAVCCZ ⚠
20	TPC0E66901	CARTON BOX TOP	1	42inch PAVCCZ ⚠
21	TPD0E0109	CUSHION BOTTOM	1	PAVCCZ
22	TPD0E0110	CUSHION TOP	1	PAVCCZ
23	TPD0E9030	TOP PAD	1	37inch PAVCCZ
23	TPD0E9031	TOP PAD	1	42inch PAVCCZ
24	TPD169487	JOINT	4	
25	TPDF1197	ACCESSORIES BOX	1	
26	TPE0E4010	PROTECT COVER	1	PAVCCZ
27	TPE0E4013	TOP PROTECT SHEET	1	PAVCCZ
28	TQB0E0254	INSTRUCTION BOOK (ENGLISH)	1	TH-37/42PX60B PAVCCZ ⚠
28	TQB0E0259A	INSTRUCTION BOOK (GERMAN)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259B	INSTRUCTION BOOK (DUTCH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259C	INSTRUCTION BOOK (ITALIAN)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259D	INSTRUCTION BOOK (FRENCH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259E	INSTRUCTION BOOK (SPANISH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259F	INSTRUCTION BOOK (SWEDISH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259K	INSTRUCTION BOOK (DANISH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259M	INSTRUCTION BOOK (BULGARIA)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259N	INSTRUCTION BOOK (ROMANIAN	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259P	INSTRUCTION BOOK (POLISH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259Q	INSTRUCTION BOOK (HUNGARIA	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259R	INSTRUCTION BOOK (CZECH)	1	TH-37/42PV60E PAVCCZ ⚠
28	TQB0E0259U	INSTRUCTION BOOK (ENGLISH)	1	TH-37/42PV60E PAVCCZ ⚠
	TSXL513	CABLE (D31-C11/D32-C21)	2	
	TSXL519	CABLE (C12-C22)	1	
	TSXL520	CABLE (DG1-H1)	1	
	TSXL521	CABLE (DG15-HC15)	1	
	TSXL522	CABLE (DG20-PA20)	1	
	TSXL523	CABLE (DG3-D3)	1	
29	TXFKU01BKTB	REAR COVER	1	TH-37PX60B PAVCCZ ⚠
29	TXFKU01BJTB	REAR COVER	1	TH-42PX60B PAVCCZ ⚠
29	TXFKU01BKTE	REAR COVER	1	TH-37PV60E PAVCCZ ⚠
29	TXFKU01BJTE	REAR COVER	1	TH-42PV60E PAVCCZ ⚠
30	TTY0E0101	ESCUTCHEON ASS'Y	1	TH-37PX60B PAVCCZ ⚠
30	TTY0E0100	ESCUTCHEON ASS'Y	1	TH-42PX60B PAVCCZ ⚠
30	TTY0E0099	ESCUTCHEON ASS'Y	1	TH-37PV60E PAVCCZ ⚠
30	TTY0E0098	ESCUTCHEON ASS'Y	1	TH-42PV60E PAVCCZ ⚠
31	TXFKZ04BJTB	STAND BLOCK ASS'Y	2	PAVCCZ
	TXJ/SWYFSE	SPEAKER LEAD WIRE	2	
	XTB4+12GFJ	SCREW	41	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XTB4+12GFJK	SCREW	8	
	XTB4+16GFJ	SCREW	2	
	XTV3+10JFJK	SCREW	6	
	XTW4+25DFJ	SCREW	12	PAVCCZ
	XYN3+F10FJ	SCREW	2	
	XYN3+F6FJ	SCREW	1	
	XYN3+F8FJ	SCREW	40	
	XYN3+J10FJ	SCREW	1	
	XYN3+J12FJ	SCREW	39	37inch
	XYN3+J12FJ	SCREW	31	42inch
	XYN3+J8FJ	SCREW ROHS	6	
	XYN3+J8FJ	SCREW ROHS	1	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJ	SCREW	6	42inch
	XYN4+F10FJK	SCREW	6	
	XYN4+F15FJK	SCREW (ALCH-GHT 4 : ALCH)	6	42inch
	XYN4+F30FJK	SCREW (BC TOP6 SIDE6: AL)	18	
	XYN5+C15FJ	SCREW	8	
32	XZBT6530	POLY BAG	1	

16 Electrical Replacement Parts List

16.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer’s specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type Allowance

Type	Allowance
C : Carbon F : Fuse M : Metal Oxide Metal Film S : Solid W : Wire Wound	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%

Type	Allowance
C : Ceramic E : Electrolytic P : Polyester Polypropylene T : Tantalum	C : ±0.25pF D : ±0.5pF F : ±1pF G : ±3pF J : ±5pF K : ±10pF L : ±15pF M : ±20pF P : +100%, -0% Z : +80%, -20%

16.2. Electrical Replacement Parts List (37inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C001	ECA0JM102	E 1000UF, 6.3V	1	
C002,03	ECA1HM100	E 10UF, 50V	2	
C007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1MN20BA0231	20P CONNECTOR	1	
C013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C018,19	ECJ1VC1H330J	C 33PF, J, 50V	2	
C020	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C021	ECJ1XC1H101J	C 100PF, J, 50V	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C23	K1KA12BA0107	12P CONNECTOR	1	
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	EEEHB1C470P	C 47PF, J, 16V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C1170,71	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX60B
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1180,81	ECJ1VB1H221K	C 220UF, K, 50V	2	
C1186	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1190	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	ECJ0EB1H101K	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2005-18	ECJ1XC1H561J	C 560PF, J, 50V	14	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2103,04	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2122,23	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2144,45	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2156	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2158	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-69	ECJ2FB1C105K	C 1UF, K, 16V	8	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2193,94	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2218-21	ECJ3YB1A106M	C 10UF, M,6.3V	4	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2303	ECA1CMH101	E 100UF, 16V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393,94	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2517	ECJ1VB1H103K	C 0.001UF, K, 50V	1	TH-37PX60B
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3001-03	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C3021	F1J1A1050002	C 1UF, Z, 50V	1	
C3022,23	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3024-28	F1J1A1050002	C 1UF, Z, 50V	5	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035,36	F1J1A1050002	C 1UF, Z, 50V	2	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	F1J1A1050002	C 1UF, Z, 50V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3043	F1J1A1050002	C 1UF, Z, 50V	1	
C3045,46	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3048	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3049-56	F1J1A1050002	C 1UF, Z, 50V	8	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3062-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3066	F1J1A1050002	C 1UF, Z, 50V	1	
C3067	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3070	ECA1EM471	E 470UF, 25V	1	
C3071	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3072	ECA1EM471	E 470UF, 25V	1	
C3073	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3074	ECA1EM471	E 470UF, 25V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3076	ECA1EM471	E 470UF, 25V	1	
C3207	ECA1AM102	E 1000UF, 10V	1	
C3214	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3216	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3226-28	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	ECEA1CN470U	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	ECEA1CN470U	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	ECEA1CN470U	E 47UF, 16V	1	
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4028	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-91	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4199	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4200	EEEHB1C470P	C 47PF, J, 16V	1	
C4201	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	EEEHB1C470P	C 47PF, J, 16V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4235	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4244	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4245	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4253	EEEHB1C470P	C 47PF, J, 16V	1	
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4262-64	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4266	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4272	EEEHB1C470P	C 47PF, J, 16V	1	
C4273	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4281-84	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4287,88	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4289,90	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4291,92	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4310	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	EEEHB1C470P	C 47PF, J, 16V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	EEEHB1C470P	C 47PF, J, 16V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4483	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4512	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4521	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4527	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4528	EEEHB1C470P	C 47PF, J, 16V	1	
C4529	ECJ0EB1A104K	C 0.1UF, K, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4530,31	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4532,33	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4534	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4535	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4536	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4537	EEEHB0G101R	C 100PF, J, 4V	1	
C4538	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4539	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4540	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618,19	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HM220	E 22UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C6001	F1L2J562A022	C 5600UF, K,6.3V	1	
C6011-14	F2A2T201A001	E 200UF,	4	
C6021	F1L2J562A022	C 5600UF, K,6.3V	1	
C6031	ECQE2255JF	P 2.5UF, K,250V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6152-55	F1L1E4750004	C 4.7UF, 25V	4	
C6192	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6194,95	F1L1E4750004	C 4.7UF, 25V	2	
C6201,02	F0C2E405A176	E 0.040UF, 250V	2	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213,14	ECA1EM471	E 470UF, 25V	2	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6261,62	ECA2CM101	E 100UF, 160V	2	
C6271	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6272,73	EEUFC1E221	E 220UF, 25V	2	
C6401	F1L2J562A022	C 5600UF, K,6.3V	1	
C6411-14	F2A2T201A001	E 200UF,	4	
C6421	F1L2J562A022	C 5600UF, K,6.3V	1	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6472	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6511,12	F0C2E405A176	E 0.040UF, 250V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6592	ECA1EM471	E 470UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6620	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6641	ECQE2224KF	P 2.2UF, K,250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691	ECA2CM101	E 100UF, 160V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	ECA1HM101	E 100UF, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	ECA1VM470	E 47UF, 35V	1	
C6755	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	EEUFC1E221	E 220UF, 25V	1	
C6795,96	EEUFC1E221	E 220UF, 25V	2	
C6802	EEUFC1E221	E 220UF, 25V	1	
C6803	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	TCUY1C105ZFN	C 1UF, 16V	1	
C6806,07	ECA2CM101	E 100UF, 160V	2	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6822	F2A2V100A019	E 10UF, 350V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841,42	ECA2CM101	E 100UF, 160V	2	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6914-18	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6932-35	F1L2E105A013	E 0.10UF, 25V	4	
C6951	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6952	TCUY1C105ZFN	C 1UF, 16V	1	
C6954	TCUY1C105ZFN	C 1UF, 16V	1	
C6956	TCUY1C105ZFN	C 1UF, 16V	1	
C6958	TCUY1C105ZFN	C 1UF, 16V	1	
C6960	TCUY1C105ZFN	C 1UF, 16V	1	
C6962	TCUY1C105ZFN	C 1UF, 16V	1	
C6964-68	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6981	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6982-85	F1L2E105A013	E 0.10UF, 25V	4	
C7108	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7110	TCUY1C105ZFN	C 1UF, 16V	1	
C7111,12	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7114	TCUY1C105ZFN	C 1UF, 16V	1	
C7115	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7116	TCUY1C105ZFN	C 1UF, 16V	1	
C7117	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7119	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7121	TCUY1C105ZFN	C 1UF, 16V	1	
C7122	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7123	TCUY1C105ZFN	C 1UF, 16V	1	
C7124	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7126	TCUY1C105ZFN	C 1UF, 16V	1	
C7127	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7134	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7137,38	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7140	TCUY1C105ZFN	C 1UF, 16V	1	
C7141	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7143	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7145	TCUY1C105ZFN	C 1UF, 16V	1	
C7146	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7148	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7201	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7203	TCUY1C105ZFN	C 1UF, 16V	1	
C7204,05	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7207	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7209	TCUY1C105ZFN	C 1UF, 16V	1	
C7210	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7212	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7214	TCUY1C105ZFN	C 1UF, 16V	1	
C7215	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7216	TCUY1C105ZFN	C 1UF, 16V	1	
C7217	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7220	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7223	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7227	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7229	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7235	TCUY1C105ZFN	C 1UF, 16V	1	
C7236	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7238	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7240	TCUY1C105ZFN	C 1UF, 16V	1	
C7241	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7244	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C8001	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8002	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8003	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8004	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8005	EEEHB1C100R	C 10PF, J, 16V	1	TH-37PX60B
C8007	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-37PX60B
C8015	ECJ1VC1H080C	C 8PF, C, 50V	1	TH-37PX60B
C8019,20	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX60B
C8021	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-37PX60B
C8030	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8034,35	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX60B
C8037	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8039,40	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX60B
C8041	EEEHB0G101R	C 100PF, J, 4V	1	TH-37PX60B
C8042,43	ECJ1VC1H100C	C 10PF, C, 50V	2	TH-37PX60B
C8046-48	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-37PX60B
C8051,52	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX60B
C8055	EEEHB1C470P	C 47PF, J, 16V	1	TH-37PX60B
C8056	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8058-61	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-37PX60B
C8062	F1G1A1540001	C 0.15UF, K, 10V	1	TH-37PX60B PAVCCZ
C8071	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-37PX60B
C8073	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-37PX60B
C8098	ECGRL0G680ER	C 68PF, J, 4V	1	TH-37PX60B
C8099,00	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX60B
C8101,02	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-37PX60B
C8103,04	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX60B
C8105	EEEHB0G101R	C 100PF, J, 4V	1	TH-37PX60B
C8106,07	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-37PX60B
C8108	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8109	EEEHB0G101R	C 100PF, J, 4V	1	TH-37PX60B
C8110	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8121	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8128,29	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX60B
C8134	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8135	ECJ0EB1A473K	C 0.047UF, K, 10V	1	TH-37PX60B
C8136	ECGRL0G680ER	C 68PF, J, 4V	1	TH-37PX60B
C8138	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8139	ECGRL0G680ER	C 68PF, J, 4V	1	TH-37PX60B
C8140	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8141	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8142	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8143	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8144	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8145	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8146	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8147	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8148	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8149	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-37PX60B
C8150	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8151	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8154-56	ECJ0EB1A104K	C 0.1UF, K, 10V	3	TH-37PX60B
C8157	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8161-64	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-37PX60B
C8165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8166	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8167	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8168	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8169	EEEHB0G470R	C 47PF, J, 4V	1	TH-37PX60B
C8170	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8171	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8172	EEEHB0G470R	C 47PF, J, 4V	1	TH-37PX60B
C8173-75	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-37PX60B
C8176	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8182	ECJ0EC1H121J	C 120PF, K, 50V	1	TH-37PX60B
C8186	ECJ0EC1H680J	C 680PF, K, 50V	1	TH-37PX60B
C8189	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8193	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-37PX60B
C8202,03	EEEHB1C470P	C 47PF, J, 16V	2	TH-37PX60B
C8204	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-37PX60B
C8205,06	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX60B
C8207	EEEHB1C470P	C 47PF, J, 16V	1	TH-37PX60B
C8208	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-37PX60B
C8210	ECJ0EB1A333K	C 0.033UF, K, 10V	1	TH-37PX60B
C8212	ECJ0EB1C223K	C 0.022UF, K, 16V	1	TH-37PX60B
C8240	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-37PX60B
C8268	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-37PX60B
C8269	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8303	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8305,06	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX60B
C8314	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8315	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	TH-37PX60B
C8317,18	ECJ2FF1A475Z	C 4.7UF, Z, 10V	2	TH-37PX60B
C8319	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8320-23	ECJ1VB0J105K	C 1UF, K, 6.3V	4	TH-37PX60B
C8327	EEEHB1C470P	C 47PF, J, 16V	1	TH-37PX60B
C8329	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8330,31	ECJ0EC1H181J	C 180PF, K, 50V	2	TH-37PX60B
C8332	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8334,35	ECJ0EC1H330J	C 330PF, K, 50V	2	TH-37PX60B
C8340	ECJ0EB1C682K	C 6800UF, K, 16V	1	TH-37PX60B
C8341	ECJ0EB1C822K	C 8200UF, K, 16V	1	TH-37PX60B
C8342,43	ECGRL0G680ER	C 68PF, J, 4V	2	TH-37PX60B
C8344	ECJ1VB1H332K	C 3300PF, K, 50V	1	TH-37PX60B
C8345	ECJ0EB1C153K	C 0.015UF, K, 16V	1	TH-37PX60B
C8349	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8350,51	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX60B
C8361	EEEHB1C470P	C 47PF, J, 16V	1	TH-37PX60B
C8372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8376	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8397	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8401	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8403,04	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX60B
C8406	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8409	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8410	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8413,14	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX60B
C8416,17	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX60B
C8419	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8421	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8423	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B
C8424	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8425	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8427	F2G1A101A019	E 100UF, 10V	1	TH-37PX60B PAVCCZ
C8428	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX60B
C8430-32	ECJ0EF1C104Z	C 0.10UF, Z, 16V	3	TH-37PX60B
C8433,34	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX60B
C8467	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C8501,02	ECJ0EC1H180J	C 180PF, K, 50V	2	TH-37PX60B
C8504	ECJ1VF1A105Z	C 1UF, Z, 10V	1	TH-37PX60B
C8506	ECJ2VF1C105Z	C 1UF, Z, 16V	1	TH-37PX60B
C8507	ECJ1XC1H102J	C 1000PF, J, 50V	1	TH-37PX60B
C8508	ECJ1XF1C334Z	C 0.33UF, Z, 16V	1	TH-37PX60B
C8509	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-37PX60B
C8870	ECJ1XC1H471J	C 470PF, J, 50V	1	TH-37PX60B
C8872	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	TH-37PX60B
C8910	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX60B
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9467,68	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9469	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500-06	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C9508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9509	ECJ1VC1H200J	C 20PF, C, 50V	1	
C9510	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9511	F1J0J1060004	C 0.010UF, K, 16V	1	
C9512	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1E272K	C 2700PF, K, 25V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9822	F1J0J1060004	C 0.010UF, K, 16V	1	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9827	F1J0J1060004	C 0.010UF, K, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9839	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9900-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	52	
C9952-54	EEFCD0G560ER	56UF,	3	
C9955-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9960-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9965	EEFCD0G560ER	56UF,	1	
C9966	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CB1-B8	K1MN68BA0002	68P CONNECTOR	8	
D3	K1KY40B00003	40P CONNECTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20BA0296	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D1106,07	MA729	DIODE	2	
D1117	MA3036L	ZENER DIODE	1	
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2309	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2512	MA8043LTX	ZENER DIODE	1	
D2520B	LN1271RALTR	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2525B	LN1471YTR	LED	1	TH-37PX60B
D2526	MA8056-M	ZENER DIODE	1	TH-37PX60B
D3002-12	MA8140M	ZENER DIODE	11	
D3015,16	MA8140M	ZENER DIODE	2	
D3021-23	MA111	DIODE	3	
D3024	B0BC01100001	ZENER DIODE	1	
D3025	MA8140M	ZENER DIODE	1	
D3027,28	MA8140M	ZENER DIODE	2	
D3030-32	MA8140M	ZENER DIODE	3	
D3038-40	MA8140M	ZENER DIODE	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3042,43	MA8140M	ZENER DIODE	2	
D3044	MA111	DIODE	1	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D4019-38	EZJZ0V80008B	VARISTOR	20	
D4041	EZJZ0V80008B	VARISTOR	1	
D4044,45	EZJZ0V80008B	VARISTOR	2	
D4047,48	MA3056M	ZENER DIODE	2	
D4049-52	B0HCMM000014	DIODE	4	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	(PA)
D5610	MA3X78900L	ZENER DIODE	1	(H)
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5634	MA111	DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA3120M	ZENER DIODE	1	
D5805,06	MA152	DIODE	2	
D5807	MA111	DIODE	1	
D6001	B0HBSN000008	DIODE	1	
D6021	B0HBSN000008	DIODE	1	
D6032	MA111	DIODE	1	
D6041	B0ECHP000003	DIODE	1	
D6051	B0ECHP000003	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	B0HBSN000008	DIODE	2	
D6091	B0HBSN000008	DIODE	1	
D6092	B0ECHP000003	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6131,32	B0ECHP000003	DIODE	2	
D6151-54	B0ECHP000003	DIODE	4	
D6191,92	B0ECHP000003	DIODE	2	
D6211	B0JCME000037	DIODE	1	
D6221	B0ECHP000003	DIODE	1	
D6222,23	MA111	DIODE	2	
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6401	B0HBSN000008	DIODE	1	
D6431,32	B0HBSP000019	DIODE	2	
D6441	B0ECHP000003	DIODE	1	
D6451	B0ECHP000003	DIODE	1	
D6461,62	B0HBSN000008	DIODE	2	
D6466	MA111	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481,82	B0HBSN000008	DIODE	2	
D6491	B0HBSP000019	DIODE	1	
D6497	MA111	DIODE	1	
D6501,02	B0ECHP000003	DIODE	2	
D6521-24	B0ECHP000003	DIODE	4	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6619,20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623,24	B0HDSM000005	DIODE	2	
D6641,42	B0HCKS000002	DIODE	2	
D6643	MA111	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6671	MA111	DIODE	1	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6801,02	B0JCME000037	DIODE	2	
D6803	MA111	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6822,23	MA111	DIODE	2	
D6825	MA8330M	ZENER DIODE	1	
D6826	MA111	DIODE	1	
D6841	B0ECHP000003	DIODE	1	
D6842,43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6903,04	B0ECHP000003	DIODE	2	
D6951,52	MA8056H	ZENER DIODE	2	
D6953,54	B0ECHP000003	DIODE	2	
D8002	MA728	DIODE	1	TH-37PX60B
D8203,04	B0JCPE000004	DIODE	2	TH-37PX60B
D8501	B0CCAB000039	DIODE	1	TH-37PX60B
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9300,01	MA152K	DIODE	2	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9805,06	B0JCGD000002	DIODE	2	
D9807,08	MA152K	DIODE	2	
D9809,10	B0JCGD000002	DIODE	2	
D9811	MA728	DIODE	1	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15B00074	15P CONNECTOR	1	
DG3	K1KY40B00003	40P CONNECTOR	1	
DG5	K1KB21BA0063	21P CONNECTOR	1	
DG7	K1KA20B00155	20P CONNECTOR	1	
DG8,G9	K1FY119D0001	CONNECTOR	2	
DG15	K1KY40B00003	40P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG22	K1KBB0A00009	CONNECTOR	1	TH-37PX60B
DG35	K1KA07BA0047	7P CONNECTOR	1	
FL3301,02	J0HABB000003	LC FILTER	2	
FL3303-05	J0HABB000004	LC FILTER	3	
FL4010,11	J0HABH000012	LC FILTER	2	TH-37PX60B
FL4015	J0HABH000012	LC FILTER	1	TH-37PX60B
FL7101	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	
FL9300,01	F1J1E1040022	LC FILTER	2	
FL9800,01	J0HABH000013	LC FILTER	2	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
FL9900-02	F1J1E1040022	LC FILTER	3	
FL9903,04	J0HABH000013	LC FILTER	2	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03BA0047	3P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5	K1KA15AA0288	15P CONNECTOR	1	
H6	K1KA09A00230	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC12	K1KA09AA0190	9P CONNECTOR	1	
HC15	K1KY40B00003	40P CONNECTOR	1	
HC21	K1KA08AA0193	8P CONNECTOR	1	
HC22	K1KA11AA0194	11P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	TVRN774-1	IC	1	
IC1102	TVRN752-3	IC	1	TH-37PV60E PAVCCZ
IC1102	TVRN758-3	IC	1	TH-37PX60B PAVCCZ
IC1103	MN103SB20RGL	IC	1	
IC1105,06	C0JBAS000128	IC	2	TH-37PX60B
IC1107	C0JBAS000128	IC	1	
IC1110	C0CBCAD00016	IC	1	
IC1111	C0EBY0000041	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002468	IC	1	
IC2109	C1BB00000947	IC	1	
IC2302	C1AB00002451	IC	1	
IC2304	C0ABBA000168	IC	1	
IC2306	C0ABBA000168	IC	1	
IC2511	B3L000000020	IC	1	
IC3005	AN15867A-VT	IC	1	
IC3301	C0JBAZ002205	IC	1	
IC4013	C0CBCBF00009	IC	1	
IC4016	C0CBCAC00275	IC	1	
IC4018	C0CBCAC00275	IC	1	
IC4019	C1AB00002456	IC	1	
IC4022	TVRN916	IC	1	
IC4023	TVRN917	IC	1	
IC4025	C0FBBK000038	IC	1	
IC4026	C1AB00002442	IC	1	
IC4027	C0DBFFD00003	IC	1	
IC4028	C0ABBB000230	IC	1	
IC4029	C0CBCAC00282	IC	1	
IC4030	C0CBCBC00190	IC	1	
IC4032	C0DBGYY00052	IC	1	
IC4035	C0CBCAF00031	IC	1	
IC4036	C0JBAP000020	IC	1	
IC4037	MN84522-A	IC	1	
IC4038	C3ABQJ000048	IC	1	
IC5601A	N0BG2DE00001	IC	1	
IC5602	EHMDD9851	LINEAR IC	1	
IC5603	C0DBAJB00004	IC	1	
IC5604	C0DBZGC00067	IC	1	
IC5801	C0DBAZF00003	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	
IC6211	C0ZBZ0001325	IC	1	
IC6221	C0DBEMB00005	IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561,62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6602	C0JBAB000715	IC	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721, 22	C0JBAZ000994	IC	2	
IC6724, 25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773, 74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801, 02	C0DBEMB00005	IC	2	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-06	AN16072A-VT	IC	6	
IC6951-56	AN16072A-VT	IC	6	
IC7101-05	C0JBAZ001120	IC	5	
IC7201-05	C0JBAZ001120	IC	5	
IC8003	STV0360CT	IC	1	TH-37PX60B PAVCCZ
IC8009	C3ABQG000095	IC	1	TH-37PX60B PAVCCZ
IC8013	MN2WS0025BEA	IC	1	TH-37PX60B PAVCCZ
IC8019	TVRN789	IC	1	TH-37PX60B PAVCCZ
IC8023, 24	C0DBAMH00018	IC	2	TH-37PX60B
IC8029	C0FBBK000038	IC	1	TH-37PX60B
IC8031	BA15218FDX	IC	1	TH-37PX60B
IC8034	C0DBEHG00006	IC	1	TH-37PX60B PAVCCZ
IC8042	C0EBM0000026	IC	1	TH-37PX60B
IC8213	C0JBAZ001137	IC	1	TH-37PX60B
IC8402	74LVC4245AD	IC	1	TH-37PX60B PAVCCZ
IC8404	C0JBAZ002691	IC	1	TH-37PX60B PAVCCZ
IC8405	C0ZBZ0001333	IC	1	TH-37PX60B PAVCCZ
IC8408-11	C0JBAZ002691	IC	4	TH-37PX60B PAVCCZ
IC8412	C0JBAZ001137	IC	1	TH-37PX60B
IC8501	74VHCU04MXNL	IC	1	TH-37PX60B PAVCCZ
IC8864	C0DBFFD00003	IC	1	TH-37PX60B
IC9001	TVRN807	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRN805-1	IC	1	
IC9007	TVRN813	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003185	IC	1	
IC9303	TVRN818	IC	1	PAVCCZ
IC9500	C1ZBZ0002599	IC	1	
IC9502	PST9128NR	IC (LOGIC)	1	
IC9503, 04	C0JBAZ000856	IC	2	
IC9800	C0DBAYY00054	IC	1	
IC9801	C0DBZFG00066	IC	1	
IC9802, 03	C0JBAZ000856	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
IC9900	MN84521-A	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9901	C3ABQJ000051	IC	1	
JK2002, 03	K4BK03A00002	AV TERMENAL	2	
JK3001	K1FB315AA001	CONNECTOR	1	
JK3002-04	K1FB121A0010	CONNECTOR	3	PAVCCZ
JK3005	K2HA307A0007	JACK	1	PAVCCZ
JK3701	K4AK23B00001	TERMINAL BOARD	1	PAVCCZ
JK8401	K1NA68B00042	68P CONNECTOR	1	TH-37PX60B PAVCCZ
JS001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX60B
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX60B
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1109	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2021, 22	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108, 09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2123, 24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2319	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3000	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3005	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3007-20	ERJ6GEY0R00	M 0 OHM, 1/10W	14	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3037-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3237	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3239	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256, 57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3307-12	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362, 63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3402, 03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3404, 05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3704, 05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707, 08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3711-14	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3715	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4016, 17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4022-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS4025, 26	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
JS4027, 28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS4029	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4042,43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV60E
JS4047,48	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
JS4069	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4075	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
JS4077	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
JS4079	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
JS4094	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV60E
JS4103	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV60E
JS4104	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4116	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
JS5601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
K1	K1KY12B00001	12P CONNECTOR	1	
L008	J0JCC0000241	CHIP INDUCTOR	1	
L012	J0JCC0000241	CHIP INDUCTOR	1	
L017	J0JCC0000241	CHIP INDUCTOR	1	
L018	J0JGC0000021	CHIP INDUCTOR COIL	1	
L019	J0JCC0000241	CHIP INDUCTOR	1	TH-37PV60E
L020	J0JGC0000021	CHIP INDUCTOR COIL	1	
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003-16	TSK1032	BEAD CHOKE	14	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-03	G0C330MA0049	PEAKING COIL	4	
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3009	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3202	J0JCC0000241	CHIP INDUCTOR	1	
L3205	J0JCC0000241	CHIP INDUCTOR	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L4023	J0JCC0000077	CHIP INDUCTOR	1	
L4029	J0JHC0000078	CHIP INDUCTOR	1	
L4031	J0JHC0000078	CHIP INDUCTOR	1	
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040-46	J0JHC0000078	CHIP INDUCTOR	7	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	
L4065,66	J0JHC0000078	CHIP INDUCTOR	2	
L4068-70	J0JHC0000078	CHIP INDUCTOR	3	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075,76	J0JHC0000078	CHIP INDUCTOR	2	
L4077	J0JCC0000077	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5605	G0A2R7ZA0021	CHOKE COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621	G1C330MA0234	INDUCTION COIL	1	
L5622,23	G1C150MA0234	INDUCTION COIL	2	
L5624	G1C330MA0234	INDUCTION COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L6001-03	G0C2R2JA0133	PEAKING COIL	3	PAVCCZ
L6011-13	G0C2R2KA0151	PEAKING COIL	3	PAVCCZ
L6061-68	G0ZZ00002183	PEAKING COIL	8	
L6081-88	G0ZZ00002183	PEAKING COIL	8	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6104,05	J0JJC0000011	CHIP INDUCTOR	2	
L6211,12	J0JJC0000011	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271,72	G0ZZ00002183	PEAKING COIL	2	
L6401-03	G0C2R2JA0133	PEAKING COIL	3	PAVCCZ
L6411-13	G0C2R2KA0151	PEAKING COIL	3	PAVCCZ
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6472,73	G0ZZ00002183	PEAKING COIL	2	
L6481-88	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L8004	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8008	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8026	J0JHC0000035	CHIP INDUCTOR	1	TH-37PX60B
L8031-33	J0JHC0000045	CHIP INDUCTOR	3	TH-37PX60B
L8037	J0JCC0000078	CHIP INDUCTOR	1	TH-37PX60B
L8038	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8042	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8046	ELJPA1R0MFB	INDUCTION COIL	1	TH-37PX60B
L8047	G1C680MA0173	INDUCTION COIL	1	TH-37PX60B PAVCCZ
L8048	G1C330MA0173	INDUCTION COIL	1	TH-37PX60B PAVCCZ
L8049	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8051	J0JCC0000241	CHIP INDUCTOR	1	TH-37PX60B
L8055	G1C100MA0077	INDUCTION COIL	1	TH-37PX60B
L8059	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8106	ELJFA2R7JBB	CHIP INDUCTOR	1	TH-37PX60B PAVCCZ
L8145	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX60B
L8501	ELJNA2R7JFB	CHIP INDUCTOR	1	TH-37PX60B
L9500	G1C150KA0038	INDUCTION COIL	1	
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-34	K1KA03AA0192	3P CONNECTOR	4	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA2100	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA9800	K5H4022A0023	FUSE	1	
PC6480	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100-03	2SC584500L	TRANSISTOR	4	
Q1106,07	2SC584500L	TRANSISTOR	2	TH-37PX60B
Q1108	2SC584500L	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	
Q1111	2SC584500L	TRANSISTOR	1	
Q1113-18	2SC584500L	TRANSISTOR	6	
Q1120-22	2SC584500L	TRANSISTOR	3	
Q1130	2SC584500L	TRANSISTOR	1	
Q1131	B1ABCF000138	TRANSISTOR	1	
Q1134	2SC584500L	TRANSISTOR	1	
Q1135	B1ABCF000138	TRANSISTOR	1	
Q1137-43	2SC584500L	TRANSISTOR	7	
Q2001-04	2SC584500L	TRANSISTOR	4	
Q2006,07	2SC584500L	TRANSISTOR	2	
Q2009,10	2SC584500L	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	2SC584500L	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	2SC584500L	TRANSISTOR	1	
Q2108	2SC584500L	TRANSISTOR	1	
Q2112-14	2SC584500L	TRANSISTOR	3	
Q2300	2SA207700L	TRANSISTOR	1	(PA)
Q2300	2SC584500L	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(PA)
Q2302	2SC584500L	TRANSISTOR	1	
Q2303	2SD601A	TRANSISTOR	1	
Q2306,07	2SA207700L	TRANSISTOR	2	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2518	2SD601A	TRANSISTOR	1	TH-37PX60B
Q3001	2SC584500L	TRANSISTOR	1	
Q3005	2SC584500L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011	2SA207700L	TRANSISTOR	1	
Q3014,15	2SA207700L	TRANSISTOR	2	
Q3016	2SC584500L	TRANSISTOR	1	
Q3017	2SA207700L	TRANSISTOR	1	
Q3019-22	2SC584500L	TRANSISTOR	4	
Q3024	2SC584500L	TRANSISTOR	1	
Q3027-29	2SA207700L	TRANSISTOR	3	
Q3331-33	2SC2480	TRANSISTOR	3	
Q4050	2SC584500L	TRANSISTOR	1	
Q4053	2SC584500L	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-69	2SC584500L	TRANSISTOR	9	
Q4070,71	B1MBACA00008	TRANSISTOR	2	
Q4082,83	2SK1228	FET	2	
Q4918	B1ABCF000138	TRANSISTOR	1	
Q4919	2SC584500L	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SD601A	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6021-23	B1JADN000001	TRANSISTOR	3	
Q6041,42	B1JADN000002	TRANSISTOR	2	
Q6051,52	B1JADN000002	TRANSISTOR	2	
Q6101-04	B1DFKM000002	TRANSISTOR	4	
Q6105	B1ABNF000006	TRANSISTOR	1	
Q6106	B1ADNF000006	TRANSISTOR	1	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM000002	TRANSISTOR	1	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6171	2SD2185	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6181	2SD2185	TRANSISTOR	1	
Q6182	B1ADRD000001	TRANSISTOR	1	
Q6221	2SD1263A	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6401-03	B1JADN000001	TRANSISTOR	3	
Q6421-23	B1JAEP000001	TRANSISTOR	3	
Q6441,42	B1JADN000002	TRANSISTOR	2	
Q6451,52	B1JADP000002	TRANSISTOR	2	
Q6471	B1CHGD000006	TRANSISTOR	1	
Q6511	B1ABNF000006	TRANSISTOR	1	
Q6512	B1ADNF000006	TRANSISTOR	1	
Q6516	B1ABNF000006	TRANSISTOR	1	
Q6517	B1ADNF000006	TRANSISTOR	1	
Q6531	2SD2185	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6551	2SD2185	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6621	B1DFKM000001	TRANSISTOR	1	
Q6641,42	B1DFKM000001	TRANSISTOR	2	
Q6644,45	B1DFKM000001	TRANSISTOR	2	
Q6647,48	B1DFKM000001	TRANSISTOR	2	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6663	2SD2185	TRANSISTOR	1	
Q6671,72	B1DFET000001	TRANSISTOR	2	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762	B1ADNF000006	TRANSISTOR	1	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6801	B1BAEJ000014	TRANSISTOR	1	
Q6802	2SB0709A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6804	2SD601A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q8101	2SA207700L	TRANSISTOR	1	TH-37PX60B
Q8401,02	2SD601A	TRANSISTOR	2	TH-37PX60B
Q9010	2SD601A	TRANSISTOR	1	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9055-58	B1CBHD000002	FET	4	
Q9300-02	2SD601A	TRANSISTOR	3	
Q9500	B1CBHD000002	FET	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805,06	2SD601A	TRANSISTOR	2	
R002	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R005	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R008,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R010	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R014	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1108-12	ERJ2GEJ101	M 100 OHM, J,0.063W	5	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1114	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R1129	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV60E
R1130	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1135	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX60B
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1150	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX60B
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154,55	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV60E
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV60E
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1166,67	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-37PX60B
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1177	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1197	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1212	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	
R1238	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1240	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1250	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1259	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX60B
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1292,93	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-37PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1296,97	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-37PX60B
R1298	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1299-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	TH-37PV60E
R1303-06	ERJ2GEJ220	M 22 OHM, J,0.063W	4	TH-37PX60B
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1334	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1335	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1336	ERJ2GEJ225	M 1MOHM, J,0.063W	1	
R1337	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV60E
R1341	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1346	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1350,51	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1353	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1355	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1358	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1359	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1360	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1361	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1364	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1365	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1367	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1369	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1370	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1373	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1378	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1380	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1381	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1391,92	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1411	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1436,37	ERJ2GEJ561	M 60 OHM, J,0.063W	2	
R1439	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1441	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1446,47	ERJ2GEJ471	M 470 OHM, J,0.063W	2	
R1448,49	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1451	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1452	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV60E
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1466	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1472,73	ERJ2GEJ301	M 300 OHM, J,0.063W	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1475	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1478	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1479	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1480	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV60E
R1489	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1490	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV60E
R1491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R1526	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1554,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2018,19	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2023	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2027,28	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2031	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2033	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2035,36	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2038	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2040	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2101,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2135,36	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155,56	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2158	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2160	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2161	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2163	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-77	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2190	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2199,00	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2227	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2228	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2229	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2236	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2246	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2310	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	(H)
R2311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2311	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	(H)
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2349	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2354	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2357	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2365	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2369	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R2372,73	ERJ6GEYJ681	M 680 OHM,J,1/10W	2	
R2375	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	
R2384	ERJ3EKF1151	M1.15KOHM, 1/16W	1	
R2387	ERJ3EKF1151	M1.15KOHM, 1/16W	1	
R2388	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	(PA)
R2388,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	(H)
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2397	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(H)
R2397	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2398	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	(H)
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1071	M1.07KOHM, 1/16W	1	
R2409	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2539	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	TH-37PX60B
R2540	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	TH-37PX60B
R2542	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2554	ERJ6ENF75R0	M 75 OHM, 1/10W	1	TH-37PX60B
R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2559	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2560	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2567	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX60B
R2572	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX60B
R3001,02	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3003-05	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3006-08	ERJ6ENF1500	M 150 OHM, 1/10W	3	
R3009-15	ERJ6ENF75R0	M 75 OHM, 1/10W	7	
R3016,17	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3018,19	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R3020-22	ERJ6ENF2202	M 2.2KOHM, 1/10W	3	
R3023,24	ERJ6ENF1202	M 12KOHM, 1/10W	2	
R3025	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3026	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3027,28	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3030-32	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3033,34	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3041,42	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	2	
R3043	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3052	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3077	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3078	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3086-88	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3105	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3107	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3109	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3130,31	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3132,33	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3136	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3143	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3144	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3145	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3146	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3149	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3150	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3151	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3152	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3153,54	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3155	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3156	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3157	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3158,59	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3163	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R3245-48	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3249	J0JCC0000241	CHIP INDUCTOR	1	
R3250-53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350,51	ERJ3GEYJ510	M 51 OHM,J,1/16W	2	
R3352	J0JCC0000241	CHIP INDUCTOR	1	
R3704	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3736-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3757	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3759-64	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PV60E
R4019	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4026,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4031-33	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R4037-39	D1HG1038A002	NETWORK RESISTER	3	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4338-43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	6	
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4472	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4505	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4506	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4508	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583,84	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4589-04	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	16	
R4605,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4609,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4612,13	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4617,18	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4621	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4622	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4626	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4629-32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R4633,34	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4636	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4660	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4710	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4712	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4737	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743-47	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4749,50	EXB2HV680J	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4762	EXB2HV680J	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4782	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4784	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4788	EXB2HV470JV	RESISTOR ARRAY	1	
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4814	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4816,17	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R4819	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823-25	J0JAD0000025	CHIP INDUCTOR	3	
R4826,27	EXB2HVR000	RESISTOR ARRAY	2	TH-37PX60B
R4830,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4840	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4960	EXB2HV680J	RESISTOR ARRAY	1	
R4961-63	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4964	EXB2HV680J	RESISTOR ARRAY	1	
R4965,66	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4967	EXB2HV680J	RESISTOR ARRAY	1	
R4968-72	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R5615	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R5617	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5625-27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5801	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R5802	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R5803	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5804	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5805-08	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R5809	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5822-24	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R5826	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6001-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6020	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6021	ERJ14YJ150U	M 15 OHM, J,1/4W	1	
R6022	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6023-27	ERJ14YJ150U	M 15 OHM, J,1/4W	5	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6051-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6061,62	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6101-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	8	
R6109	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6114	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6116	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133,34	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6135,36	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6141,42	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6146,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153,54	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6155,56	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6171	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6181	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191-94	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6195,96	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	ERJ6GEYJ203	M 20KOHM,J,1/10W	1	
R6226,27	ERJ6GEYJ163	M 16KOHM,J,1/10W	2	
R6228	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6229	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R6231	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6232	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6244	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6245	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6246	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6251	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6401-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6421-26	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6441-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6451-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6504,05	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6506	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6516,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523,24	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6525,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6531	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6532,33	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6551	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6585	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6621	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6641,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6644,45	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6663	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6671	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6673,74	D0GD5R6JA059	M 5.6 OHM,J,0.25W	2	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6684	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6689	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	D0D32R2JA020	M 2.2 OHM,J,5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756-58	D0GD101JA059	M 100 OHM,J,0.25W	3	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6781	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801,02	ERX1FJSR22D	M0.22 OHM, J, 1W	2	
R6806	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6807	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6808	ERG3FJS560D	M 56 OHM, J, 3W	1	
R6809	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6810,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6815	ERG2FJS183D	M 18KOHM, J, 2W	1	
R6816	ERJ6ENF1582	M15.8KOHM, 1/10W	1	
R6817	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825,26	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R6827	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6828	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6833-35	ERJ6ENF5602	M 56KOHM, 1/10W	3	
R6836	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R6837	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ14YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ513	M 51KOHM,J,1/10W	1	
R6844	ERG2FJS101D	M 100 OHM, J, 2W	1	
R6845	ERJ6GEYJ513	M 51KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R6908,09	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6916,17	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6924	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6931-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6935,36	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6952-54	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R6958,59	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6966,67	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6974	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6981-84	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6985,86	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7112	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7113,14	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7115	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7116	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7118,19	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7120	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7122-25	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7126	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7127,28	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7132-37	EXB38V470J	RESISTOR ARRAY	6	
R7139,40	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7142-45	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7146	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7149	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7151-54	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7155	EXB38V102J	RESISTOR ARRAY	1	
R7156	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7158,59	EXB38V470J	RESISTOR ARRAY	2	
R7162-67	EXB38V102J	RESISTOR ARRAY	6	
R7169	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7171-74	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7175	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7177	EXB38V102J	RESISTOR ARRAY	1	
R7179,80	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7186,87	EXB38V470J	RESISTOR ARRAY	2	
R7201-07	EXB38V470J	RESISTOR ARRAY	7	
R7208-10	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7212-15	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7216	EXB38V470J	RESISTOR ARRAY	1	
R7217	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7219	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7223-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7227	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7229	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7231	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7232-35	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7236	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7237-42	EXB38V102J	RESISTOR ARRAY	6	
R7245	EXB38V102J	RESISTOR ARRAY	1	
R7246-49	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7250,51	EXB38V470J	RESISTOR ARRAY	2	
R7256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7258	EXB38V102J	RESISTOR ARRAY	1	
R7260	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7262-65	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7266	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7269	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7270	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7271	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8002	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-37PX60B
R8003,04	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-37PX60B
R8006	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-37PX60B
R8008	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R8010-12	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R8014,15	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R8017,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R8021,22	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8027	D1HG5608A002	NETWORK RESISTER	1	TH-37PX60B
R8028-30	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-37PX60B
R8033	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-37PX60B
R8034,35	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-37PX60B
R8036	ERJ3GEYJ163	M 16KOHM,J,1/16W	1	TH-37PX60B
R8038	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8039,40	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	TH-37PX60B
R8041	ERJ2GEJ154	M 150KOHM, J,0.063W	1	TH-37PX60B
R8046	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-37PX60B
R8047-50	ERJ2GEJ101	M 100 OHM, J,0.063W	4	TH-37PX60B
R8051	EXB38V330J	RESISTOR ARRAY	1	TH-37PX60B
R8052-55	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-37PX60B
R8056	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-37PX60B
R8057	ERJ2GEJ680	M 68 OHM, J,0.063W	1	TH-37PX60B
R8058	EXB38V330J	RESISTOR ARRAY	1	TH-37PX60B
R8059	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8073	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-37PX60B
R8074,75	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-37PX60B
R8076	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8078	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	TH-37PX60B
R8079	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PX60B
R8084,85	D1HG1218A002	NETWORK RESISTER	2	TH-37PX60B
R8086-88	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-37PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8101	ERJ3GEYF181	M 180 OHM,J,1/16W	1	TH-37PX60B PAVCCZ
R8104	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8106,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8108	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-37PX60B
R8109	ERJ3EKF2202	M 22KOHM, 1/16W	1	TH-37PX60B
R8110	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	TH-37PX60B
R8111	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8112,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-37PX60B
R8115	ERJ3GEYF272	M 2.7KOHM, 1/16W	1	TH-37PX60B
R8117	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	TH-37PX60B
R8123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX60B
R8124	ERJ2GEJ471	M 470 OHM, J,0.063W	1	TH-37PX60B
R8127	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8132,33	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8136	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8137	ERJ2GEJ121	M 120 OHM, J,0.063W	1	TH-37PX60B
R8140,41	ERJ3EKF1001	M 1KOHM, 1/16W	2	TH-37PX60B
R8144,45	D1HG5608A002	NETWORK RESISTER	2	TH-37PX60B
R8148,49	D1HG3908A002	NETWORK RESISTER	2	TH-37PX60B
R8150-59	ERJ2GEJ390	M 39 OHM, J,0.063W	10	TH-37PX60B
R8161,62	ERJ2GEJ390	M 39 OHM, J,0.063W	2	TH-37PX60B
R8163	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8165	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8167-71	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-37PX60B
R8172	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PX60B
R8173	EXB38V560J	RESISTOR ARRAY	1	TH-37PX60B
R8175,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8183	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8184	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX60B
R8187	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX60B
R8193	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8195,96	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8201-04	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-37PX60B
R8215	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8216,17	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8218,19	D1HG33080001	NETWORK RESISTER	2	TH-37PX60B
R8220-22	D1HG5608A002	NETWORK RESISTER	3	TH-37PX60B
R8223	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8224,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8226	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-37PX60B
R8232-43	ERJ2GEJ330	M 33 OHM, J,0.063W	12	TH-37PX60B
R8244	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8245,46	ERJ2GEJ330	M 33 OHM, J,0.063W	2	TH-37PX60B
R8250	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8252-54	ERJ2GEJ330	M 33 OHM, J,0.063W	3	TH-37PX60B
R8255	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8256	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-37PX60B
R8257	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8259	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8260-63	ERJ2GEJ560	M 56 OHM, J,0.063W	4	TH-37PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8264-68	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-37PX60B
R8269	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8271	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8272	EXB38V560J	RESISTOR ARRAY	1	TH-37PX60B
R8273	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8275	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8277	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8279	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8282	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8284	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8286,87	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8290	EXB38V560J	RESISTOR ARRAY	1	TH-37PX60B
R8291,92	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8310-15	ERJ3EKF75R0	M 0.75HM, 1/16W	6	TH-37PX60B
R8319	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-37PX60B
R8320	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-37PX60B
R8321	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-37PX60B
R8349	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX60B
R8350	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-37PX60B
R8351	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-37PX60B
R8352	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-37PX60B
R8353	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-37PX60B
R8354	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-37PX60B
R8355,56	EXB2HV104JV	RESISTOR ARRAY	2	TH-37PX60B
R8357,58	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-37PX60B
R8366	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8367,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8372-76	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-37PX60B
R8401	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-37PX60B
R8402	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX60B
R8403	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8404,05	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8406	ERJ8RSJR10	M 1 OHM, 1/8W	1	TH-37PX60B
R8407	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-37PX60B
R8414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8415,16	ERJ2GEJ223	M 22KOHM, J,0.063W	2	TH-37PX60B
R8417,18	EXB38V473J	RESISTOR ARRAY	2	TH-37PX60B
R8419,20	EXB38V101J	RESISTOR ARRAY	2	TH-37PX60B
R8421	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX60B
R8422	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX60B
R8423	ERJ2GEJ821	M 820 OHM, J,0.063W	1	TH-37PX60B
R8425,26	EXB38V101J	RESISTOR ARRAY	2	TH-37PX60B
R8427-31	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-37PX60B
R8433,34	EXB38V560J	RESISTOR ARRAY	2	TH-37PX60B
R8443	EXB38V560J	RESISTOR ARRAY	1	TH-37PX60B
R8444	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX60B
R8445,46	ERJ2GEJ151	M 150 OHM, J,0.063W	2	TH-37PX60B
R8447	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX60B
R8448	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PX60B
R8449,50	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8451	EXB38V104J	RESISTOR ARRAY	1	TH-37PX60B
R8452	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX60B
R8453	EXB38V104J	RESISTOR ARRAY	1	TH-37PX60B
R8454	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX60B
R8456-59	EXB38V560J	RESISTOR ARRAY	4	TH-37PX60B
R8460	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX60B
R8461	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8462,63	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
R8464	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8465	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8466	EXB38V560J	RESISTOR ARRAY	1	TH-37PX60B
R8467,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8469	EXB38V151J	RESISTOR ARRAY	1	TH-37PX60B
R8474	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8475,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8477,78	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX60B
R8479	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-37PX60B
R8480-82	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-37PX60B
R8483	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-37PX60B
R8484	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX60B
R8485	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-37PX60B
R8486	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX60B
R8487	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX60B
R8488	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8489	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-37PX60B
R8491	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-37PX60B
R8492	ERJ3EKF1802	M 18KOHM, 1/16W	1	TH-37PX60B
R8493	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-37PX60B
R8494	ERJ3EKF9101	M 9.1KOHM, 1/16W	1	TH-37PX60B
R8495	EXB38V151J	RESISTOR ARRAY	1	TH-37PX60B
R8496	EXB38V560J	RESISTOR ARRAY	1	TH-37PX60B
R8497	ERJ3EKF3300	M 330 OHM, 1/16W	1	TH-37PX60B
R8498	ERJ3EKF2200	M 220 OHM, 1/16W	1	TH-37PX60B
R8499	ERJ3EKF2432	M24.3KOHM, 1/16W	1	TH-37PX60B
R8500	ERJ3EKF1052	M10.5KOHM, 1/16W	1	TH-37PX60B
R8501	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	TH-37PX60B
R8502	ERJ3EKF2402	M 24KOHM, 1/16W	1	TH-37PX60B
R8503,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX60B
R8505	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX60B
R8538,39	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-37PX60B
R8546	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-37PX60B
R8547	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-37PX60B
R8601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX60B
R8602-04	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-37PX60B
R8605,06	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-37PX60B
R8608	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-37PX60B
R8610	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-37PX60B
R8611	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX60B
R8614	ERJ2GEJ221	M 220 OHM, J,0.063W	1	TH-37PX60B
R8615	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8701-08	ERJ2GEJ560	M 56 OHM, J,0.063W	8	TH-37PX60B
R8729-36	ERJ2GEJ103	M 10KOHM, J,0.063W	8	TH-37PX60B
R8827,28	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-37PX60B
R8831,32	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
R8862-64	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-37PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8899,00	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
R8912	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8930	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8931,32	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-37PX60B
R8933,34	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX60B
R8936	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8954	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX60B
R8960	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX60B
R8962-64	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-37PX60B
R8967,68	EXB2HV473JV	RESISTOR ARRAY	2	TH-37PX60B PAVCCZ
R8969-71	ERJ2GEJ473	M 47KOHM,J,0.063W	3	TH-37PX60B
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9100,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9105	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110,11	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9152,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9158,59	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9162	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9164-66	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9167,68	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9173-75	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9205	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9223	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9225	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9240	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9317	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R9348	D1HG8208A002	NETWORK RESISTER	1	
R9349	EXB38V820J	RESISTOR ARRAY	1	
R9350,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9352	EXB38V820J	RESISTOR ARRAY	1	
R9353,54	D1HG8208A002	NETWORK RESISTER	2	
R9355,56	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9357-59	D1HG8208A002	NETWORK RESISTER	3	
R9360	EXB38V820J	RESISTOR ARRAY	1	
R9361,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9363	EXB2HV470JV	RESISTOR ARRAY	1	
R9366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9367	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9368	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9369	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9370	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9371	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9379	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9380	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9382	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9390	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9391	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9394	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9395	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9501	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9503	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9511-13	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9514	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9516	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9518	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9522-25	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9527,28	EXB2HV272JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9538	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9540	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9555	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9800	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9821	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9823-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV272JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9861-63	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9864,65	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	EXB2HV470JV	RESISTOR ARRAY	1	
R9904	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9906	EXB38V470J	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9917,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9919,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9922	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9929	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9936-39	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9940	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9941,42	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9943-51	EXB38V470J	RESISTOR ARRAY	9	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9952-55	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9956	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2501	PNA4701M05TV	REMOTE RECEIVER	1	
RTL	TZTNP01BKTB	CIRCUIT BOARD D	1	PAVCCZ ⚠
RTL	TNPA3740AB	CIRCUIT BOARD XV	1	TH-37PX60B PAVCCZ ⚠
RTL	TNPA3756CB	CIRCUIT BOARD DG	1	TH-37PV60E PAVCCZ ⚠
RTL	TNPA3756CH	CIRCUIT BOARD DG	1	TH-37PX60B PAVCCZ ⚠
RTL	TNPA3759AB	CIRCUIT BOARD H	1	PAVCCZ ⚠
RTL	TNPA3766	CIRCUIT BOARD HC	1	PAVCCZ ⚠
RTL	TNPA3767	CIRCUIT BOARD TA	1	TH-37PV60E PAVCCZ ⚠
RTL	TNPA3767AB	CIRCUIT BOARD TA	1	TH-37PX60B PAVCCZ ⚠
RTL	TNPA3761AC	CIRCUIT BOARD PA	1	⚠
RTL	TNPA3802AB	CIRCUIT BOARD C1	1	PAVCCZ ⚠
RTL	TNPA3803AB	CIRCUIT BOARD C2	1	PAVCCZ ⚠
RTL	TNPA3912	CIRCUIT BOARD P	1	PAVCCZ ⚠
RTL	TNPA3814AE	CIRCUIT BOARD SC	1	PAVCCZ ⚠
RTL	TNPA3809AB	CIRCUIT BOARD SD	1	PAVCCZ ⚠
RTL	TNPA3815AE	CIRCUIT BOARD SS	1	PAVCCZ ⚠
RTL	TNPA3808AB	CIRCUIT BOARD SU	1	PAVCCZ ⚠
RTL	TNPA3764AE	CIRCUIT BOARD G	1	PAVCCZ ⚠
RTL	TNPA3848AD	CIRCUIT BOARD GK	1	⚠
RTL	TNPA3762AC	CIRCUIT BOARD K	1	TH-37PV60E PAVCCZ ⚠
RTL	TNPA3762AD	CIRCUIT BOARD K	1	TH-37PX60B PAVCCZ ⚠
RTL	TNPA3763AC	CIRCUIT BOARD S	1	⚠
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SD1-D3	K1MNC0B00002	CONNECTOR	3	PAVCCZ
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41A-4A	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MNC0B00002	CONNECTOR	3	PAVCCZ
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3753-57	EVQ11G05R	SWITCH	5	
T6602	ETS25AZ139AD	SWITCHING TRANS	1	
TA5	K1KB15B00013	15P CONNECTOR	1	
TA6	K1KB09B00019	9P CONNECTOR	1	
TU001	ENG37A12GF	TUNER	1	TH-37PV60E ⚠
TU001	ENGF7301GF	TUNER	1	TH-37PX60B PAVCCZ ⚠
TU8001	ENV57M01D8F	TUNER	1	TH-37PX60B PAVCCZ ⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
VR6602	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X8003	H0J241500003	CRYSTAL	1	TH-37PX60B PAVCCZ
X8006	H0J270500090	CRYSTAL	1	TH-37PX60B PAVCCZ
X9000	H2D200500011	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
XV01	K1KAB0A00011	CONNECTOR	1	TH-37PX60B
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA2300,01	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
ZA3401-05	K4CZ01000027	COMPATIBLE WITH JALCO K9	5	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001,02	K4CD08000002	TERMINAL	2	
ZA6001,02	K4CD01000011	TERMINAL	2	
ZA6005	K4CD01000011	TERMINAL	1	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-04	K4CD01000013	TERMINAL	4	
ZA7201-04	K4CD01000013	TERMINAL	4	
ZA9001	K4CD01000011	TERMINAL	1	
C402	F1J1C1050011	C 1UF, Z, 50V	1	
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C407	EEUEB2W220B	E 22UF, 450V	1	⚠
C408	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C409	F0CAF225A021	C 22UF, 250V	1	⚠
C410	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C413	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C414	ECQU2A473ML	P 0.047UF, M,250V	1	⚠
C421	F1J1C1050011	C 1UF, Z, 50V	1	
C422	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429	F1E2J4730001	C 0.047PF, , 600V	1	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432	F1J1C1050011	C 1UF, Z, 50V	1	
C433	ECJ3XB1E104K	C 0.1UF, K, 25V	1	
C434	F1J1C1050011	C 1UF, Z, 50V	1	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446,47	F2B2W2010001	C 200UF, 450V	2	⚠
C450	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C469	ECKCNA221KB7	C 220PF, M,	1	⚠
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C473,74	ECKCNA101KB7	C 100PF	2	⚠
C476	ECKCNA101KB7	C 100PF	1	⚠
C478	ECKCNA101KB7	C 100PF	1	⚠
C493	ECA1HM470	E 47UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C494	F2A2E1R00008	E 1.0UF, 250V	1	
C497	ECA1HM470	E 47UF, 50V	1	
C501,02	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C503	ECJ2XC1H471J	C 470PF, J, 50V	1	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506,07	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C508	ECJ2XC1H471J	C 470PF, J, 50V	1	
C509	ECA1EHG101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	F2A1A1220011	E 1200UF, 10V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2A1E221A096	E 220UF, 25V	1	
C518	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C519	F1J1C1050011	C 1UF, Z, 50V	1	
C520	ECWH8683RHV	P 0.068PF, J, 8KV	1	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C526	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C531	ECJ3YB1E105K	C 1UF, K, 25V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C550	ECJ2XC1H331J	C 330PF, J, 50V	1	
C551,52	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	F2A2C101A120	E 1000UF, 160V	1	⚠
C556,57	EEUFC1E152	E 1500UF, 25V	2	
C558	F2A1E471A096	E 470UF, 25V	1	
C559	F2A1A1220011	E 1200UF, 10V	1	
C562	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C571	ECJ2XC1H330J	C 33PF, J, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	F2A2A330A022	E 33UF, 100V	1	⚠
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584,85	ECJ2XB1H223K	C 0.022UF, K, 50V	2	
C587	ECJ2XB1H332K	C 3300PF, K, 50V	1	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECJ2FB1E105K	C 1UF, K, 25V	1	
C604,05	F2A2D1510008	E 150UF, 200V	2	⚠
C607	F1J1C1050011	C 1UF, Z, 50V	1	
C608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2T1420003	E 142UF, 220V	1	⚠
C612,13	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C615	F2B2T1420003	E 142UF, 220V	1	⚠
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C625	ECA1HM100	E 10UF, 50V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C627	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C629-31	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C632	ECJ2XC1H331J	C 330PF, J, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C650	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C653	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C654	ECJ3YB1E105K	C 1UF, K, 25V	1	
C655,56	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C657	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C658	ECJ3YB1E105K	C 1UF, K, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C659	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C660	ECJ2FB1C225K	C 22UF, K, 16V	1	
C661,62	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
D401	B0FBAT000006	DIODE	1	⚠
D404	B0EBKT000007	DIODE	1	⚠
D407	MA111	DIODE	1	
D411	B0BB17000009	DIODE	1	
D412	B0HAMM000122	DIODE	1	
D415	B0JAME000099	DIODE	1	
D416	B0HAMP000067	DIODE	1	
D417	B0HAPR000013	DIODE	1	
D418	B0BC8R100013	DIODE	1	
D419,20	B0HAPR000013	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D429	ERA15-10	DIODE	1	
D430	MA111	DIODE	1	
D431,32	B0JCDD000002	DIODE	2	
D433	B0BC01400033	DIODE	1	
D435	ERA15-10	DIODE	1	
D436-38	MA4200M	ZENER DIODE	3	
D441	B0HAMM000122	DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA4360H	ZENER DIODE	1	
D501	B0HAPR000012	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000099	DIODE	1	
D506	MAZ80470LL	ZENER DIODE	1	
D507,08	B0BC7R400023	DIODE	2	
D509	B0JANG000018	DIODE	1	
D511	B0JAML000011	DIODE	1	
D512,13	MA111	DIODE	2	
D514	B0BC6R100025	DIODE	1	
D515	B0BC3R200008	DIODE	1	
D516-18	MA4330M	ZENER DIODE	3	
D520	MA111	DIODE	1	
D521	B0JAME000099	DIODE	1	
D528,29	MA153	DIODE	2	
D530	B0BC9R900013	DIODE	1	
D531	B0HBSN000013	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSG000026	DIODE	1	
D538	B0BC5R100039	DIODE	1	
D539,40	B0AARR000010	DIODE	2	
D542	MA4200M	ZENER DIODE	1	
D543	B0BC01400033	DIODE	1	
D544,45	MA4200M	ZENER DIODE	2	
D549	B0BC02500008	DIODE	1	
D551	B0BC01300033	DIODE	1	
D555	B0BC7R400023	DIODE	1	
D559	B0BC7R400023	DIODE	1	
D563	B0BC6R100025	DIODE	1	
D569-72	B0BC02500008	DIODE	4	
D574	MA165	DIODE	1	
D575	MA188	DIODE	1	
D579	MA165	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D585	B0BC7R400023	DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
D588	B0BC3R200008	DIODE	1	
D590	B0BC3R200008	DIODE	1	
D596	ERA15-10	DIODE	1	
D598	B0BC5R100039	DIODE	1	
D599	B0JCND000009	DIODE	1	
D600	B0BC7R400023	DIODE	1	
D601	B0BC5R100039	DIODE	1	
D602	B0BC8R100013	DIODE	1	
F410	K5G102B00020	FUSE	1	⚠
IC401	CNC1S171R	IC	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC402	C0DAEMB00004	IC	1	
IC403-05	CNC1S171R	IC	3	⚠
IC406	C0DAZZZ00021	IC	1	
IC408	CNC1S171R	IC	1	⚠
IC409	MIP2G40MPSCF	IC	1	⚠
IC410	CNC1S171R	IC	1	⚠
IC411	C0DAEMB00004	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDB000108	IC	1	
IC502	C0EBH0000210	IC	1	
IC504	C0DAEMB00004	IC	1	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	CNC1S171R	IC	1	
IC509	C0DABZZ00010	IC	1	
IC510	C0DBAZG00034	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	LSSK0062	IC	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00004	CHOKE COIL	2	⚠
L410	ELF17N004A	LINE FILTER	1	⚠
L510	EXCELDR25C	BEAD CHOKE	1	
L511	G0A470ZA0033	CHOKE COIL	1	
L512	ELESE4R7JA	PEAKING COIL	1	
L513	EXCELDR25C	BEAD CHOKE	1	
L514	G0A100GA0013	CHOKE COIL	1	
P2	K1KA02A00626	2P CONNECTOR	1	
P5	K1KA11AA0194	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06A00452	6P CONNECTOR	1	
P11	K1KA02A00626	2P CONNECTOR	1	
P12	K1KA10AA0194	10P CONNECTOR	1	
P23	K1KA03AA0193	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
PMM1	TMM7464-2	CLAMPER	1	
PMM2,M3	TMME088	CLAMPER	2	
PMM4-M6	TMM7464-2	CLAMPER	3	
PMM7	TMME047	CLAMPER	1	
PR401	K5Y502BA0001	FUSE	1	⚠
PR505	K5H5022A0023	FUSE	1	⚠
PR509	ERBSE0R50U	FUSE	1	⚠
PR601	K5G312B00012	FUSE	1	⚠
Q401	B1CHND000004	TRANSISTOR	1	
Q402	B1DFDD000019	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q407	B1HFCFA00021	TRANSISTOR	1	
Q408,09	B1DHCD000034	TRANSISTOR	2	
Q413	B1DEGQ000070	TRANSISTOR	1	⚠
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q434	B1CEJQ000003	eds	1	
Q501,02	2SD1820A	TRANSISTOR	2	
Q505	B1CEJQ000002	eds	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	B1HBCFA00033	TRANSISTOR	1	
Q509	B1HDCEA00001	TRANSISTOR	1	
Q510	B1DHBD000005	TRANSISTOR	1	
Q512	B1CBGD000001	FET	1	
Q517	B1HBCFA00033	TRANSISTOR	1	
Q520	B1HBCFA00033	TRANSISTOR	1	
Q521	B1CBGD000001	FET	1	
Q524	B1CFGF000008	TRANSISTOR	1	
Q525	B1CBGD000001	FET	1	
Q527	B1CERL000005	TRANSISTOR	1	
Q530	2SD1819A	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q537	B1DFDD000019	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q538	B1CBGD000001	FET	1	
Q540	B1DHCD000034	TRANSISTOR	1	
Q541	B1CBGD000001	FET	1	
Q551	B1CBGD000001	FET	1	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHCD000034	TRANSISTOR	1	
Q555,56	B1DFGD000045	TRANSISTOR	2	
Q557-59	2SD1819A	TRANSISTOR	3	
Q561	2SD1819A	TRANSISTOR	1	
Q563	B1CFGF000008	TRANSISTOR	1	
Q564,65	2SB1218ARL	TRANSISTOR	2	
Q566	2SD1819A	TRANSISTOR	1	
Q568	B1CHGD000006	TRANSISTOR	1	
Q569	B1CBGD000001	FET	1	
R401	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R402	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R403	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R404	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R406	ERX12SJ2R2V	M 2.2 OHM, J,1/2W	1	
R407	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R410	D1F5100E0003	CHIP RESISTOR	1	⚠
R412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R413	D1F5100E0003	CHIP RESISTOR	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R423	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R434	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R435	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R448,49	D0XGR08J0001	M 0.08OHM,J, 5W	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R456	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R459	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R461	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R467	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R471	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R480	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	D0BF225JA030	M 22MOHM,J,0.05W	1	⚠
R487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R488	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R498	ERG3SJ101	M 100 OHM, J, 3W	1	
R499	D0BF394JA029	M 390KOHM,J,0.05W	1	⚠
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R524	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R529	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R532	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R533	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R534	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R540,41	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R548	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R549	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R550	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R551	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R552	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R553	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R554	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R558	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R559	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R560	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R561	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R562	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R565,66	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R567,68	ERJ8ENF1004	M 100KOHM, 1/8W	2	
R569	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R570	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R571	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R587	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R597,98	ERJ6ENF3302	M 33KOHM, 1/10W	2	
R599,00	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R616,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R630	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R634	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R638	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQJR39	M0.39 OHM, 1/8W	3	
R645	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R646,47	ERJ8GEYJ223	M 22KOHM, J,1/8W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651,52	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R653	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R654	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R655	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R662	ERJ6ENF1503	M 150KOHM, 1/10W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R672,73	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R678	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R679,80	ERJ8RSJR16V	M 16 OHM, 1/8W	2	
R682	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R683	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R684	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R685,86	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R690	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R693	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R695	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R698	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R699-08	ERJ8GEYJ105	M 1MOHM, J,1/8W	10	
R711	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R712	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R714	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R715	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R921	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R931	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R932	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R933	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R935	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R936	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R937	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R938	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R939,40	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R943	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R945	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R946	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R947	ERJ8GEYJ331	M 330 OHM, J,1/8W	1	
R950	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R951,52	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R953	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
RL402,03	TSEH8011	RELAY	2	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000119	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	ETS42LA12GAD	SWITCHING TRANS	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	ETS25AF115AH	SWITCHING TRANS	1	⚠
T601	G4D2A0000264	SWITCHING TRANS	1	
W9,10	J0JKB0000037	FLAT CORE	2	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Z420	TMM23417	CLAMPER	1	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401	ERZVGED621T2	VARISTOR	1	⚠
ZN402	D4EAD7510001	VARISTOR	1	⚠
ZN404	ERZVGAD681T2	VARISTOR	1	⚠
ZN405-06	ERZVA7D511	VARISTOR	2	⚠

16.3. Electrical Replacement Parts List (42inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C001	ECA0JM102	E 1000UF, 6.3V	1	
C002,03	ECA1HM100	E 10UF, 50V	2	
C007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1MN20BA0231	20P CONNECTOR	1	
C013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C018,19	ECJ1VC1H330J	C 33PF, J, 50V	2	
C020	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C021	ECJ1XC1H101J	C 100PF, J, 50V	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C23	K1KA12BA0107	12P CONNECTOR	1	
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	EEEHB1C470P	C 47PF, J, 16V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C1170,71	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX60B
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1180,81	ECJ1VB1H221K	C 220UF, K, 50V	2	
C1186	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1190	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	ECJ0EB1H101K	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2005-18	ECJ1XC1H561J	C 560PF, J, 50V	14	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2103,04	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2122,23	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2144,45	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2156	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2158	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-69	ECJ2FB1C105K	C 1UF, K, 16V	8	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2193,94	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2218-21	ECJ3YB1A106M	C 10UF, M,6.3V	4	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2243	ECA1CHG470	E 47UF, 16V	1	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2303	ECA1CMH101	E 100UF, 16V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393,94	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2517	ECJ1VB1H103K	C 0.001UF, K, 50V	1	TH-42PX60B
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3001-03	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C3021	F1J1A1050002	C 1UF, Z, 50V	1	
C3022,23	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3024-28	F1J1A1050002	C 1UF, Z, 50V	5	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035,36	F1J1A1050002	C 1UF, Z, 50V	2	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	F1J1A1050002	C 1UF, Z, 50V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3043	F1J1A1050002	C 1UF, Z, 50V	1	
C3045,46	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3048	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3049-56	F1J1A1050002	C 1UF, Z, 50V	8	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3062-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3066	F1J1A1050002	C 1UF, Z, 50V	1	
C3067	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3070	ECA1EM471	E 470UF, 25V	1	
C3071	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3072	ECA1EM471	E 470UF, 25V	1	
C3073	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3074	ECA1EM471	E 470UF, 25V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3076	ECA1EM471	E 470UF, 25V	1	
C3207	ECA1AM102	E 1000UF, 10V	1	
C3214	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3216	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3226-28	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	ECEA1CN470U	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	ECEA1CN470U	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	ECEA1CN470U	E 47UF, 16V	1	
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4028	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-91	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4199	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4200	EEEHB1C470P	C 47PF, J, 16V	1	
C4201	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	EEEHB1C470P	C 47PF, J, 16V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4235	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4244	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4245	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4253	EEEHB1C470P	C 47PF, J, 16V	1	
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4262-64	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4266	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4272	EEEHB1C470P	C 47PF, J, 16V	1	
C4273	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4281-84	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4287,88	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4289,90	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4291,92	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4310	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	EEEHB1C470P	C 47PF, J, 16V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	EEEHB1C470P	C 47PF, J, 16V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4461	ECJ1XC1H820J	C 82PF, J, 50V	1	
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4483	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4512	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4521	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4527	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4528	EEEHB1C470P	C 47PF, J, 16V	1	
C4529	ECJ0EB1A104K	C 0.1UF, K, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4530,31	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4532,33	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4534	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4535	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4536	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4537	EEEHB0G101R	C 100PF, J, 4V	1	
C4538	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4539	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4540	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618,19	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HHG100	E 10UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C6001	F1L2J332A022	C 3300UF, K,6.3V	1	
C6002	F1L2J222A022	C 2200UF, K,6.3V	1	
C6011-15	F2A2T201A001	E 200UF,	5	
C6021,22	F1L2J272A022	C 2700UF, K,6.3V	2	PAVCCZ
C6031	ECQE2255JF	P 2.5UF, K,250V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6091	F1L2J1020001	C 1000UF, K,6.3V	1	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6152-55	F1L1E4750004	C 4.7UF, 25V	4	
C6192	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6194,95	F1L1E4750004	C 4.7UF, 25V	2	
C6201,02	F0C2E405A176	E 0.040UF, 250V	2	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213,14	ECA1EM471	E 470UF, 25V	2	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6241	ECA1EM471	E 470UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6261,62	ECA2CM101	E 100UF, 160V	2	
C6271	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6272,73	EEUFC1E221	E 220UF, 25V	2	
C6401	F1L2J332A022	C 3300UF, K,6.3V	1	
C6402	F1L2J222A022	C 2200UF, K,6.3V	1	
C6411-15	F2A2T201A001	E 200UF,	5	
C6421,22	F1L2J272A022	C 2700UF, K,6.3V	2	PAVCCZ
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6472	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6511,12	F0C2E405A176	E 0.040UF, 250V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6592	ECA1EM471	E 470UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6610	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6611	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6612	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6641	ECQE2224KF	P 2.2UF, K,250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691	ECA2CM101	E 100UF, 160V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	ECA1HM101	E 100UF, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	ECA1VM470	E 47UF, 35V	1	
C6755	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	EEUFC1E221	E 220UF, 25V	1	
C6795,96	EEUFC1E221	E 220UF, 25V	2	
C6802	EEUFC1E221	E 220UF, 25V	1	
C6803	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	TCUY1C105ZFN	C 1UF, 16V	1	
C6806,07	ECA2CM101	E 100UF, 160V	2	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6822	F2A2V100A019	E 10UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841,42	ECA2CM101	E 100UF, 160V	2	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6914-18	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6932-35	F1L2E105A013	E 0.10UF, 25V	4	
C6951	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6952	TCUY1C105ZFN	C 1UF, 16V	1	
C6955	TCUY1C105ZFN	C 1UF, 16V	1	
C6957,58	TCUY1C105ZFN	C 1UF, 16V	2	
C6961	TCUY1C105ZFN	C 1UF, 16V	1	
C6963	TCUY1C105ZFN	C 1UF, 16V	1	
C6964-68	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6981	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6982-85	F1L2E105A013	E 0.10UF, 25V	4	
C7108	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7110	TCUY1C105ZFN	C 1UF, 16V	1	
C7111,12	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7114	TCUY1C105ZFN	C 1UF, 16V	1	
C7115	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7116	TCUY1C105ZFN	C 1UF, 16V	1	
C7117	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7119	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7121	TCUY1C105ZFN	C 1UF, 16V	1	
C7122	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7123	TCUY1C105ZFN	C 1UF, 16V	1	
C7124	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7126	TCUY1C105ZFN	C 1UF, 16V	1	
C7127	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7134	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7137,38	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7140	TCUY1C105ZFN	C 1UF, 16V	1	
C7141	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7143	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7145	TCUY1C105ZFN	C 1UF, 16V	1	
C7146	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7148	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7201	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7203	TCUY1C105ZFN	C 1UF, 16V	1	
C7204,05	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7207	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7209	TCUY1C105ZFN	C 1UF, 16V	1	
C7210	ECJ1XC1H101J	C 100PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7212	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7214	TCUY1C105ZFN	C 1UF, 16V	1	
C7215	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7216	TCUY1C105ZFN	C 1UF, 16V	1	
C7217	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7220	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7223	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7227	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7229	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7235	TCUY1C105ZFN	C 1UF, 16V	1	
C7236	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7238	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7240	TCUY1C105ZFN	C 1UF, 16V	1	
C7241	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7244	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C8001	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8002	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8003	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8004	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8005	EEEHB1C100R	C 10PF, J, 16V	1	TH-42PX60B
C8007	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-42PX60B
C8015	ECJ1VC1H080C	C 8PF, C, 50V	1	TH-42PX60B
C8019,20	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX60B
C8021	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-42PX60B
C8030	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8034,35	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX60B
C8037	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8039,40	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX60B
C8041	EEEHB0G101R	C 100PF, J, 4V	1	TH-42PX60B
C8042,43	ECJ1VC1H100C	C 10PF, C, 50V	2	TH-42PX60B
C8046-48	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-42PX60B
C8051,52	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX60B
C8055	EEEHB1C470P	C 47PF, J, 16V	1	TH-42PX60B
C8056	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8058-61	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-42PX60B
C8062	F1G1A1540001	C 0.15UF, K, 10V	1	TH-42PX60B PAVCCZ
C8071	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-42PX60B
C8073	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-42PX60B
C8098	ECGRL0G680ER	C 68PF, J, 4V	1	TH-42PX60B
C8099,00	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX60B
C8101,02	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-42PX60B
C8103,04	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX60B
C8105	EEEHB0G101R	C 100PF, J, 4V	1	TH-42PX60B
C8106,07	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-42PX60B
C8108	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8109	EEEHB0G101R	C 100PF, J, 4V	1	TH-42PX60B
C8110	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8121	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8128,29	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX60B
C8134	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8135	ECJ0EB1A473K	C 0.047UF, K, 10V	1	TH-42PX60B
C8136	ECGRL0G680ER	C 68PF, J, 4V	1	TH-42PX60B
C8138	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8139	ECGRL0G680ER	C 68PF, J, 4V	1	TH-42PX60B
C8140	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8141	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8142	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8143	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8144	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8145	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8146	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8147	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8148	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8149	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-42PX60B
C8150	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8151	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8154-56	ECJ0EB1A104K	C 0.1UF, K, 10V	3	TH-42PX60B
C8157	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8161-64	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-42PX60B
C8165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8166	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8167	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8168	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8169	EEEHB0G470R	C 47PF, J, 4V	1	TH-42PX60B
C8170	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8171	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8172	EEEHB0G470R	C 47PF, J, 4V	1	TH-42PX60B
C8173-75	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-42PX60B
C8176	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8182	ECJ0EC1H121J	C 120PF, K, 50V	1	TH-42PX60B
C8186	ECJ0EC1H680J	C 680PF, K, 50V	1	TH-42PX60B
C8189	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8193	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-42PX60B
C8202,03	EEEHB1C470P	C 47PF, J, 16V	2	TH-42PX60B
C8204	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-42PX60B
C8205,06	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX60B
C8207	EEEHB1C470P	C 47PF, J, 16V	1	TH-42PX60B
C8208	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-42PX60B
C8210	ECJ0EB1A333K	C 0.033UF, K, 10V	1	TH-42PX60B
C8212	ECJ0EB1C223K	C 0.022UF, K, 16V	1	TH-42PX60B
C8240	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-42PX60B
C8268	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-42PX60B
C8269	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8303	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8305,06	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX60B
C8314	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8315	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	TH-42PX60B
C8317,18	ECJ2FF1A475Z	C 4.7UF, Z, 10V	2	TH-42PX60B
C8319	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8320-23	ECJ1VB0J105K	C 1UF, K, 6.3V	4	TH-42PX60B
C8327	EEEHB1C470P	C 47PF, J, 16V	1	TH-42PX60B
C8329	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8330,31	ECJ0EC1H181J	C 180PF, K, 50V	2	TH-42PX60B
C8332	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8334,35	ECJ0EC1H330J	C 330PF, K, 50V	2	TH-42PX60B
C8340	ECJ0EB1C682K	C 6800UF, K, 16V	1	TH-42PX60B
C8341	ECJ0EB1C822K	C 8200UF, K, 16V	1	TH-42PX60B
C8342,43	ECGRL0G680ER	C 68PF, J, 4V	2	TH-42PX60B
C8344	ECJ1VB1H332K	C 3300PF, K, 50V	1	TH-42PX60B
C8345	ECJ0EB1C153K	C 0.015UF, K, 16V	1	TH-42PX60B
C8349	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8350,51	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX60B
C8361	EEEHB1C470P	C 47PF, J, 16V	1	TH-42PX60B
C8372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8376	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8397	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8401	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8403,04	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX60B
C8406	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8409	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8410	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8413,14	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8416,17	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX60B
C8419	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8421	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8423	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8424	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8425	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX60B
C8427	F2G1A101A019	E 100UF, 10V	1	TH-42PX60B PAVCCZ
C8428	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX60B
C8430-32	ECJ0EF1C104Z	C 0.10UF, Z, 16V	3	TH-42PX60B
C8433,34	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX60B
C8467	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C8501,02	ECJ0EC1H180J	C 180PF, K, 50V	2	TH-42PX60B
C8504	ECJ1VF1A105Z	C 1UF, Z, 10V	1	TH-42PX60B
C8506	ECJ2VF1C105Z	C 1UF, Z, 16V	1	TH-42PX60B
C8507	ECJ1XC1H102J	C 1000PF, J, 50V	1	TH-42PX60B
C8508	ECJ1XF1C334Z	C 0.33UF, Z, 16V	1	TH-42PX60B
C8509	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-42PX60B
C8870	ECJ1XC1H471J	C 470PF, J, 50V	1	TH-42PX60B
C8872	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	TH-42PX60B
C8910	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX60B
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9467,68	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9469	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500-06	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C9508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9509	ECJ1VC1H200J	C 20PF, C, 50V	1	
C9510	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9511	F1J0J1060004	C 0.010UF, K, 16V	1	
C9512	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9822	F1J0J1060004	C 0.010UF, K, 16V	1	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9827	F1J0J1060004	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9839	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9900-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	52	
C9952-54	EEFCD0G560ER	56UF,	3	
C9955-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9960-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9965	EEFCD0G560ER	56UF,	1	
C9966	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CB1-B8	K1MN68BA0002	68P CONNECTOR	8	
D3	K1KY40B00003	40P CONNECTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20BA0296	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D1106,07	MA729	DIODE	2	
D1117	MA3036L	ZENER DIODE	1	
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2309	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2512	MA8043LTX	ZENER DIODE	1	
D2520B	LN1271RALTR	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2525B	LN1471YTR	LED	1	TH-42PX60B
D2526	MA8056-M	ZENER DIODE	1	TH-42PX60B
D3002-12	MA8140M	ZENER DIODE	11	
D3015,16	MA8140M	ZENER DIODE	2	
D3021-23	MA111	DIODE	3	
D3024	B0BC01100001	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3025	MA8140M	ZENER DIODE	1	
D3027,28	MA8140M	ZENER DIODE	2	
D3030-32	MA8140M	ZENER DIODE	3	
D3038-43	MA8140M	ZENER DIODE	6	
D3044	MA111	DIODE	1	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D4019-38	EZJZ0V80008B	VARISTOR	20	
D4041	EZJZ0V80008B	VARISTOR	1	
D4044,45	EZJZ0V80008B	VARISTOR	2	
D4047,48	MA3056M	ZENER DIODE	2	
D4049-52	B0HCMM000014	DIODE	4	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	(PA)
D5610	MA3X78900L	ZENER DIODE	1	(H)
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5634	MA111	DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA3120M	ZENER DIODE	1	
D5805,06	MA152	DIODE	2	
D5807	MA111	DIODE	1	
D6001	B0HBSN000008	DIODE	1	
D6021	B0HBSN000008	DIODE	1	
D6032	MA111	DIODE	1	
D6041	B0ECHP000003	DIODE	1	
D6051	B0ECHP000003	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	B0HBSN000008	DIODE	2	
D6091	B0HBSN000008	DIODE	1	
D6092	B0ECHP000003	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6131,32	B0ECHP000003	DIODE	2	
D6151-54	B0ECHP000003	DIODE	4	
D6191-93	B0ECHP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6221	B0ECHP000003	DIODE	1	
D6222,23	MA111	DIODE	2	
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6401,02	B0HBSN000008	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6431,32	B0HBSP000019	DIODE	2	
D6441	B0ECHP000003	DIODE	1	
D6451	B0ECHP000003	DIODE	1	
D6461,62	B0HBSN000008	DIODE	2	
D6466	MA111	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481,82	B0HBSN000008	DIODE	2	
D6491	B0HBSP000019	DIODE	1	
D6497	MA111	DIODE	1	
D6501,02	B0ECHP000003	DIODE	2	
D6521-24	B0ECHP000003	DIODE	4	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6610	MAZ81500ML	ZENER DIODE	1	
D6611-14	MA111	DIODE	4	
D6619,20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623,24	B0HDSM000005	DIODE	2	
D6641,42	B0HCKS000002	DIODE	2	
D6643	MA111	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6671	MA111	DIODE	1	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6801,02	B0JCME000037	DIODE	2	
D6803	MA111	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6806	B0ECHP000003	DIODE	1	
D6820-23	MA111	DIODE	4	
D6825	MA8330M	ZENER DIODE	1	
D6826	MA111	DIODE	1	
D6841	B0ECHP000003	DIODE	1	
D6842,43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6903,04	B0ECHP000003	DIODE	2	
D6951,52	MA8056H	ZENER DIODE	2	
D6953,54	B0ECHP000003	DIODE	2	
D8002	MA728	DIODE	1	TH-42PX60B
D8203,04	B0JCPE000004	DIODE	2	TH-42PX60B
D8501	B0CCAB000039	DIODE	1	TH-42PX60B
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9100-03	B0JCGD000002	DIODE	4	
D9105,06	B0JCGD000002	DIODE	2	
D9110	B0JCGD000002	DIODE	1	
D9300,01	MA152K	DIODE	2	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9807,08	MA152K	DIODE	2	
D9811	MA728	DIODE	1	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15B00074	15P CONNECTOR	1	
DG3	K1KY40B00003	40P CONNECTOR	1	
DG5	K1KB21BA0063	21P CONNECTOR	1	
DG7	K1KA20B00155	20P CONNECTOR	1	
DG8,G9	K1FY119D0001	CONNECTOR	2	
DG15	K1KY40B00003	40P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG22	K1KBB0A00009	CONNECTOR	1	TH-42PX60B
DG35	K1KA07BA0047	7P CONNECTOR	1	
FL3301,02	J0HABB000003	LC FILTER	2	
FL3303-05	J0HABB000004	LC FILTER	3	
FL4010,11	J0HABH000012	LC FILTER	2	TH-42PX60B
FL4015	J0HABH000012	LC FILTER	1	TH-42PX60B
FL7101	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	
FL9300,01	F1J1E1040022	LC FILTER	2	
FL9800,01	J0HABH000013	LC FILTER	2	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL9900-02	F1J1E1040022	LC FILTER	3	
FL9903,04	J0HABH000013	LC FILTER	2	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03BA0047	3P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5	K1KA15AA0288	15P CONNECTOR	1	
H6	K1KA09A00230	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC12	K1KA09AA0190	9P CONNECTOR	1	
HC15	K1KY40B00003	40P CONNECTOR	1	
HC21	K1KA08AA0193	8P CONNECTOR	1	
HC22	K1KA11AA0194	11P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	TVRN774-1	IC	1	PAVCCZ
IC1102	TVRN752-3	IC	1	TH-42PV60E PAVCCZ
IC1102	TVRN758-3	IC	1	TH-42PX60B PAVCCZ
IC1103	MN103SB20RGL	IC	1	
IC1105,06	C0JBAS000128	IC	2	TH-42PX60B
IC1107	C0JBAS000128	IC	1	
IC1110	C0CBCAD00016	IC	1	
IC1111	C0EBY0000041	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002468	IC	1	
IC2109	C1BB00000947	IC	1	
IC2110	AN7705SP	IC	1	
IC2302	C1AB00002451	IC	1	
IC2304	C0ABBA000168	IC	1	
IC2306	C0ABBA000168	IC	1	
IC2511	B3L000000020	IC	1	
IC3005	AN15867A-VT	IC	1	
IC3301	C0JBAZ002205	IC	1	
IC4013	C0CBCBF00009	IC	1	
IC4016	C0CBCAC00275	IC	1	
IC4018	C0CBCAC00275	IC	1	
IC4019	C1AB00002456	IC	1	
IC4022	TVRN916	IC	1	
IC4023	TVRN917	IC	1	
IC4025	C0FBBK000038	IC	1	
IC4026	C1AB00002535	IC	1	
IC4027	C0DBFFD00003	IC	1	
IC4028	C0ABBB000230	IC	1	
IC4029	C0CBCAC00282	IC	1	
IC4030	C0CBCBC00190	IC	1	
IC4032	C0DBGYY00052	IC	1	
IC4035	C0CBCAF00031	IC	1	
IC4036	C0JBAP000020	IC	1	
IC4037	MN84522-A	IC	1	
IC4038	C3ABQJ000048	IC	1	
IC5601	N0BG2DE00001	IC	1	
IC5602	EHMDD9851	LINEAR IC	1	
IC5603	C0DBAJB00004	IC	1	
IC5604	C0DBZGC00067	IC	1	
IC5801	C0DBAZF00003	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6211	C0ZBZ0001325	IC	1	
IC6221	C0DBEMB00005	IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561, 62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	
IC6602	C0JBAB000715	IC	1	
IC6610	NJM2903M	INTEGRATED CIRCUIT	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721, 22	C0JBAZ000994	IC	2	
IC6724, 25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773, 74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801, 02	C0DBEMB00005	IC	2	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-06	AN16072A-VT	IC	6	
IC6951-56	AN16072A-VT	IC	6	
IC7101-05	C0JBAZ001120	IC	5	
IC7201-05	C0JBAZ001120	IC	5	
IC8003	STV0360CT	IC	1	TH-42PX60B PAVCCZ
IC8009	C3ABQG000095	IC	1	TH-42PX60B PAVCCZ
IC8013	MN2WS0025BEA	IC	1	TH-42PX60B PAVCCZ
IC8019	TVRN789	IC	1	TH-42PX60B PAVCCZ
IC8023, 24	C0DBAMH00018	IC	2	TH-42PX60B
IC8029	C0FBBK000038	IC	1	TH-42PX60B
IC8031	BA15218FDX	IC	1	TH-42PX60B
IC8034	C0DBEHG00006	IC	1	TH-42PX60B PAVCCZ
IC8042	C0EBM0000026	IC	1	TH-42PX60B
IC8213	C0JBAZ001137	IC	1	TH-42PX60B
IC8402	74LVC4245AD	IC	1	TH-42PX60B PAVCCZ
IC8404	C0JBAZ002691	IC	1	TH-42PX60B PAVCCZ
IC8405	C0ZBZ0001333	IC	1	TH-42PX60B PAVCCZ
IC8408-11	C0JBAZ002691	IC	4	TH-42PX60B PAVCCZ
IC8412	C0JBAZ001137	IC	1	TH-42PX60B
IC8501	74VHCU04MXNL	IC	1	TH-42PX60B PAVCCZ
IC8864	C0DBFFD00003	IC	1	TH-42PX60B
IC9001	TVRN808	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRN805	IC	1	PAVCCZ
IC9007	TVRN813	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003185	IC	1	
IC9303	TVRN819	IC	1	PAVCCZ
IC9500	C1ZBZ0002599	IC	1	
IC9502	PST9128NR	IC (LOGIC)	1	
IC9503, 04	C0JBAZ001120	IC	2	
IC9800	C0DBAYY00054	IC	1	
IC9801	C0DBZFG00066	IC	1	
IC9802, 03	C0JBAZ001120	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
IC9900	MN84521-A	IC	1	
IC9901	C3ABQJ000051	IC	1	
JK2002, 03	K4BK03A00002	AV TERMENAL	2	
JK3001	K1FB315A0005	JACK	1	
JK3002-04	K1FB121A0010	CONNECTOR	3	PAVCCZ
JK3005	K2HA307A0007	JACK	1	PAVCCZ
JK3701	K4AK23B00001	TERMINAL BOARD	1	PAVCCZ
JK8401	K1NA68B00042	68P CONNECTOR	1	TH-42PX60B PAVCCZ
JS001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX60B
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX60B
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1109	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2021, 22	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108, 09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2123, 24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2319	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3000	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3005	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3007-20	ERJ6GEY0R00	M 0 OHM, 1/10W	14	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3037-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3237	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3239	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256, 57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3307-12	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362, 63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3402, 03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3404, 05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS3704,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707,08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3711-14	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3715	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4016,17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4022-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS4025,26	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
JS4027,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4029	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4042,43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60E
JS4047,48	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
JS4069	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4075	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
JS4077	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
JS4079	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
JS4094	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60E
JS4103	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60E
JS4104	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4116	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
JS5601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
K1	K1KY12B00001	12P CONNECTOR	1	
L008	J0JCC0000241	CHIP INDUCTOR	1	
L012	J0JCC0000241	CHIP INDUCTOR	1	
L017	J0JCC0000241	CHIP INDUCTOR	1	
L018	J0JGC0000021	CHIP INDUCTOR COIL	1	
L019	J0JCC0000241	CHIP INDUCTOR	1	TH-42PV60E
L020	J0JGC0000021	CHIP INDUCTOR COIL	1	
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003-16	TSK1032	BEAD CHOKE	14	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-03	G0C330MA0049	PEAKING COIL	4	
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3009	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3202	J0JCC0000241	CHIP INDUCTOR	1	
L3205	J0JCC0000241	CHIP INDUCTOR	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L4023	J0JHC0000078	CHIP INDUCTOR	1	
L4029	J0JHC0000078	CHIP INDUCTOR	1	
L4031	J0JHC0000078	CHIP INDUCTOR	1	
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040-46	J0JHC0000078	CHIP INDUCTOR	7	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	
L4065,66	J0JHC0000078	CHIP INDUCTOR	2	
L4068-70	J0JHC0000078	CHIP INDUCTOR	3	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075,76	J0JHC0000078	CHIP INDUCTOR	2	
L4077	J0JCC0000077	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5605	G0A2R7ZA0021	CHOKE COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621	G1C330MA0234	INDUCTION COIL	1	
L5622,23	G1C150MA0234	INDUCTION COIL	2	
L5624	G1C330MA0234	INDUCTION COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L6001-03	G0C1R9KA0147	PEAKING COIL	3	
L6011-13	G0C1R9KA0147	PEAKING COIL	3	
L6061-68	G0ZZ00002183	PEAKING COIL	8	
L6081-88	G0ZZ00002183	PEAKING COIL	8	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6104,05	J0JJC0000011	CHIP INDUCTOR	2	
L6211,12	J0JJC0000011	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271,72	G0ZZ00002183	PEAKING COIL	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6401-03	G0C1R9KA0147	PEAKING COIL	3	
L6411-13	G0C1R9KA0147	PEAKING COIL	3	
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6472,73	G0ZZ00002183	PEAKING COIL	2	
L6481-88	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L8004	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8008	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8026	J0JHC0000035	CHIP INDUCTOR	1	TH-42PX60B
L8031-33	J0JHC0000045	CHIP INDUCTOR	3	TH-42PX60B
L8037	J0JCC0000078	CHIP INDUCTOR	1	TH-42PX60B
L8038	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8042	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8046	ELJPA1R0MFB	INDUCTION COIL	1	TH-42PX60B
L8047	G1C680MA0173	INDUCTION COIL	1	TH-42PX60B PAVCCZ
L8048	G1C330MA0173	INDUCTION COIL	1	TH-42PX60B PAVCCZ
L8049	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8051	J0JCC0000241	CHIP INDUCTOR	1	TH-42PX60B
L8055	G1C100MA0077	INDUCTION COIL	1	TH-42PX60B
L8059	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8106	ELJFA2R7JBB	CHIP INDUCTOR	1	TH-42PX60B PAVCCZ
L8145	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX60B
L8501	ELJNA2R7JFB	CHIP INDUCTOR	1	TH-42PX60B
L9500	G1C150KA0038	INDUCTION COIL	1	
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-34	K1KA03AA0192	3P CONNECTOR	4	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA1101	K5H8012A0023	FUSE	1	
PA2100	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA9800	K5H4022A0023	FUSE	1	
PC6480	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100-03	2SC584500L	TRANSISTOR	4	
Q1106,07	2SC584500L	TRANSISTOR	2	TH-42PX60B
Q1108	2SC584500L	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1111	2SC584500L	TRANSISTOR	1	
Q1113-18	2SC584500L	TRANSISTOR	6	
Q1120-22	2SC584500L	TRANSISTOR	3	
Q1130	2SC584500L	TRANSISTOR	1	
Q1131	B1ABCF000138	TRANSISTOR	1	
Q1134	2SC584500L	TRANSISTOR	1	
Q1135	B1ABCF000138	TRANSISTOR	1	
Q1137-43	2SC584500L	TRANSISTOR	7	
Q2001-04	2SC584500L	TRANSISTOR	4	
Q2006,07	2SC584500L	TRANSISTOR	2	
Q2009,10	2SC584500L	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	2SC584500L	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	2SC584500L	TRANSISTOR	1	
Q2108	2SC584500L	TRANSISTOR	1	
Q2113,14	2SC584500L	TRANSISTOR	2	
Q2300	2SA207700L	TRANSISTOR	1	(PA)
Q2300	2SC584500L	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(PA)
Q2302	2SC584500L	TRANSISTOR	1	
Q2303	2SD601A	TRANSISTOR	1	
Q2306,07	2SA207700L	TRANSISTOR	2	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2518	2SD601A	TRANSISTOR	1	TH-42PX60B
Q3001	2SC584500L	TRANSISTOR	1	
Q3005	2SC584500L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011	2SA207700L	TRANSISTOR	1	
Q3014,15	2SA207700L	TRANSISTOR	2	
Q3016	2SC584500L	TRANSISTOR	1	
Q3017	2SA207700L	TRANSISTOR	1	
Q3019-22	2SC584500L	TRANSISTOR	4	
Q3024	2SC584500L	TRANSISTOR	1	
Q3027-29	2SA207700L	TRANSISTOR	3	
Q3331-33	2SC2480	TRANSISTOR	3	
Q4050	2SC584500L	TRANSISTOR	1	
Q4053	2SC584500L	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-69	2SC584500L	TRANSISTOR	9	
Q4070,71	B1MBACA00008	TRANSISTOR	2	
Q4082,83	2SK1228	FET	2	
Q4084	B1ABCF000138	TRANSISTOR	1	
Q4918	B1ABCF000138	TRANSISTOR	1	
Q4919	2SC584500L	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q5644	2SD601A	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6021-23	B1JADN000001	TRANSISTOR	3	
Q6041,42	B1JADN000002	TRANSISTOR	2	
Q6051,52	B1JADN000002	TRANSISTOR	2	
Q6101-04	B1DFKM000002	TRANSISTOR	4	
Q6105	B1ABNF000006	TRANSISTOR	1	
Q6106	B1ADNF000006	TRANSISTOR	1	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM000002	TRANSISTOR	1	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6171	2SD2185	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6181	2SD2185	TRANSISTOR	1	
Q6182	B1ADRD000001	TRANSISTOR	1	
Q6221	2SD1263A	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6401-03	B1JADN000001	TRANSISTOR	3	
Q6421-23	B1JAEP000001	TRANSISTOR	3	
Q6441,42	B1JADN000002	TRANSISTOR	2	
Q6451,52	B1JADP000002	TRANSISTOR	2	
Q6471	B1CHGD000006	TRANSISTOR	1	
Q6511	B1ABNF000006	TRANSISTOR	1	
Q6512	B1ADNF000006	TRANSISTOR	1	
Q6516	B1ABNF000006	TRANSISTOR	1	
Q6517	B1ADNF000006	TRANSISTOR	1	
Q6531	2SD2185	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6551	2SD2185	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6621,22	B1DFKM000001	TRANSISTOR	2	
Q6641,42	B1DFKM000001	TRANSISTOR	2	
Q6644,45	B1DFKM000001	TRANSISTOR	2	
Q6647,48	B1DFKM000001	TRANSISTOR	2	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6663	2SD2185	TRANSISTOR	1	
Q6671,72	B1DFET000001	TRANSISTOR	2	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762	B1ADNF000006	TRANSISTOR	1	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6801	B1BAEJ000014	TRANSISTOR	1	
Q6802	2SB0709A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6804	2SD601A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q8101	2SA207700L	TRANSISTOR	1	TH-42PX60B
Q8401,02	2SD601A	TRANSISTOR	2	TH-42PX60B
Q9010	2SD601A	TRANSISTOR	1	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9055-58	B1CBHD000002	FET	4	
Q9300-02	2SD601A	TRANSISTOR	3	
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805,06	2SD601A	TRANSISTOR	2	
R002	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R005	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R008,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R010	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R014	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1108-12	ERJ2GEJ101	M 100 OHM, J,0.063W	5	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1114	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R1129	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60E
R1130	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1135	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX60B
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1150	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX60B
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154,55	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60E
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60E
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1166,67	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-42PX60B
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1177-79	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1197	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1212	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	
R1238	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1240	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1250	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1259	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX60B
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1292,93	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-42PX60B
R1296,97	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-42PX60B
R1298-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	TH-42PV60E
R1303-06	ERJ2GEJ220	M 22 OHM, J,0.063W	4	TH-42PX60B
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1334	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1335	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1336	ERJ2GEJ225	M 1MOHM, J,0.063W	1	
R1337	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60E
R1341	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1346	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1350,51	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1353	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1355	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1358	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1359	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1360	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1361	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1364	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1365	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1367	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1369	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1370	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1373	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1378	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1380	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1381	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1411	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1436,37	ERJ2GEJ561	M 60 OHM, J,0.063W	2	
R1439	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1441	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1446,47	ERJ2GEJ471	M 470 OHM, J,0.063W	2	
R1448,49	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1451	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1452	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60E
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1461,62	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1466	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1472,73	ERJ2GEJ301	M 300 OHM, J,0.063W	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1475	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1478	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1479	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1480	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60E
R1489	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1490	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60E
R1491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R1526	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1554,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2018,19	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2023	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2027,28	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2031	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2033	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2035,36	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2038	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2040	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2101,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2135,36	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155,56	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2158	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2160	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2161	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2163	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-77	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2190	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2199,00	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2227	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2236	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2246	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2310	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	(H)
R2311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2311	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	(H)
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2349	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2354	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2357	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2365	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2369	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R2372,73	ERJ6GEYJ681	M 680 OHM,J,1/10W	2	
R2375	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	
R2384	ERJ3EKF1151	M1.15KOHM, 1/16W	1	
R2387	ERJ3EKF1151	M1.15KOHM, 1/16W	1	
R2388	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	(PA)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2388,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	(H)
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2397	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(H)
R2397	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2398	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	(H)
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1071	M1.07KOHM, 1/16W	1	
R2409	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2539	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	TH-42PX60B
R2540	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	TH-42PX60B
R2542	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2554	ERJ6ENF75R0	M 75 OHM, 1/10W	1	TH-42PX60B
R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2559	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2560	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2567	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX60B
R2572	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX60B
R3001,02	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3003-05	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3006-08	ERJ6ENF1500	M 150 OHM, 1/10W	3	
R3009-15	ERJ6ENF75R0	M 75 OHM, 1/10W	7	
R3016,17	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3018,19	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R3020-22	ERJ6ENF2202	M 2.2KOHM, 1/10W	3	
R3023,24	ERJ6ENF1202	M 12KOHM, 1/10W	2	
R3025	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3026	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3027,28	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3030-32	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3033,34	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3041,42	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	2	
R3043	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3052	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3077	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3078	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3086-88	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3105	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3107	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3109	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3130,31	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3132,33	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3136	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3143	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3144	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3145	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3146	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3149	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3150	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3151	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3152	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3153,54	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3155	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3156	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3157	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3158,59	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3163	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R3245-48	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3249	J0JCC0000241	CHIP INDUCTOR	1	
R3250,51	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350-52	ERJ3GEYJ510	M 51 OHM,J,1/16W	3	
R3704	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3736-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3757	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3759-64	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PV60E
R4019	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4026,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4031-33	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R4037-39	D1HG1038A002	NETWORK RESISTER	3	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4338-43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	6	
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4472	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4505	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4506	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4508	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583,84	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4589-04	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	16	
R4605,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4609,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4612,13	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4617,18	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4621	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4622	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4626	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4629-32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R4633,34	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4636	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4660	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4710	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4712	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4734	ERJ2GEJ223	M 22KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4737	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743-47	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4749,50	EXB2HV680J	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4762	EXB2HV680J	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4782	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4784	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4788	EXB2HV470JV	RESISTOR ARRAY	1	
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4814	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4816,17	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R4819	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823-25	J0JAD0000025	CHIP INDUCTOR	3	
R4826,27	EXB2HVR000	RESISTOR ARRAY	2	TH-42PX60B
R4830,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4840	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4960	EXB2HV680J	RESISTOR ARRAY	1	
R4961-63	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4964	EXB2HV680J	RESISTOR ARRAY	1	
R4965,66	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4967	EXB2HV680J	RESISTOR ARRAY	1	
R4968-72	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R5615	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5617	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5625-27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5801	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R5802	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R5803	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5804	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5805-08	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R5809	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5822-24	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R5826	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6001-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6020	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6021	ERJ14YJ150U	M 15 OHM, J,1/4W	1	
R6022	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6023-27	ERJ14YJ150U	M 15 OHM, J,1/4W	5	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6051-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6061,62	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6101-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	8	
R6109	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	D0GD470JA036	M 47 OHM,J,0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6114	D0GD470JA036	M 47 OHM,J,0.25W	1	
R6116	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133,34	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6135,36	D0GD100JA036	M 10 OHM,J,0.25W	2	
R6141,42	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6146,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153,54	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6155,56	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6171	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6181	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191-94	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6195	D0GD104JA036	M 100KOHM,J,0.25W	1	
R6196	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D0GD203JA036	M 20KOHM,J,0.25W	1	PAVCCZ
R6226,27	ERJ6GEYJ163	M 16KOHM,J,1/10W	2	
R6228	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6229	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R6231	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6232	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6244	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6245	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6246	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6251	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6401-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6421-26	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6441-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6451-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6504,05	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6506	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6516,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523,24	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6525,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6531	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6532,33	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6551	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6585	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6614,15	D0GF243JA047	M 24 KOHM,J,0.33W	2	
R6616	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R6617	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6618	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6619	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6621,22	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6641,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6644,45	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6663	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6671	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6673,74	D0GD5R6JA059	M 5.6 OHM,J,0.25W	2	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6684	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6689	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	D0D32R2JA020	M 2.2 OHM,J,5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	D0GD103JA036	M 10KOHM,J,0.25W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756-58	D0GD101JA059	M 100 OHM,J,0.25W	3	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6781	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801,02	ERX1FJSR22D	M0.22 OHM, J, 1W	2	
R6806	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6807	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6808	ERG3FJS560D	M 56 OHM, J, 3W	1	
R6809	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6810,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6815	ERG2FJS183D	M 18KOHM, J, 2W	1	
R6816	ERJ6ENF1582	M15.8KOHM, 1/10W	1	
R6817	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825,26	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R6827	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6828	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6833-35	ERJ6ENF5602	M 56KOHM, 1/10W	3	
R6836	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R6837	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ14YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6844	ERG2FJS101D	M 100 OHM, J, 2W	1	
R6845	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6905	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6909	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6913	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6917	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6924	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6931-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6935,36	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6952-54	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6955	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6959	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6963	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6967	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6971	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6981-84	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6985,86	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7112	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7113,14	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7115	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7116	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7118,19	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7120	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7122-25	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7126	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7127,28	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7132-37	EXB38V470J	RESISTOR ARRAY	6	
R7139,40	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7142-45	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7146	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7149	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7151-54	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7155	EXB38V102J	RESISTOR ARRAY	1	
R7156	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7158,59	EXB38V470J	RESISTOR ARRAY	2	
R7162-67	EXB38V102J	RESISTOR ARRAY	6	
R7169	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7171-74	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7175	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7177	EXB38V102J	RESISTOR ARRAY	1	
R7179,80	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7186,87	EXB38V470J	RESISTOR ARRAY	2	
R7201-07	EXB38V470J	RESISTOR ARRAY	7	
R7208-10	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7212-15	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7216	EXB38V470J	RESISTOR ARRAY	1	
R7217	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7219	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7223-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7227	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7229	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7231	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7232-35	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7236	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7237-42	EXB38V102J	RESISTOR ARRAY	6	
R7245	EXB38V102J	RESISTOR ARRAY	1	
R7246-49	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7250,51	EXB38V470J	RESISTOR ARRAY	2	
R7256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7258	EXB38V102J	RESISTOR ARRAY	1	
R7260	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7262-65	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7266	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7269	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7270	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7271	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8002	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-42PX60B
R8003,04	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-42PX60B
R8006	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-42PX60B
R8008	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-42PX60B
R8010-12	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-42PX60B
R8014,15	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8017,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PX60B
R8021,22	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8027	D1HG5608A002	NETWORK RESISTER	1	TH-42PX60B
R8028-30	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-42PX60B
R8033	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-42PX60B
R8034,35	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PX60B
R8036	ERJ3GEYJ163	M 16KOHM,J,1/16W	1	TH-42PX60B
R8038	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8039,40	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	TH-42PX60B
R8041	ERJ2GEJ154	M 150KOHM, J,0.063W	1	TH-42PX60B
R8046	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PX60B
R8047-50	ERJ2GEJ101	M 100 OHM, J,0.063W	4	TH-42PX60B
R8051	EXB38V330J	RESISTOR ARRAY	1	TH-42PX60B
R8052-55	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-42PX60B
R8056	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PX60B
R8057	ERJ2GEJ680	M 68 OHM, J,0.063W	1	TH-42PX60B
R8058	EXB38V330J	RESISTOR ARRAY	1	TH-42PX60B
R8059	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8073	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-42PX60B
R8074,75	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-42PX60B
R8076	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8078	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	TH-42PX60B
R8079	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PX60B
R8084,85	D1HG1218A002	NETWORK RESISTER	2	TH-42PX60B
R8086-88	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-42PX60B
R8101	ERJ3GEYF181	M 180 OHM,J,1/16W	1	TH-42PX60B PAVCCZ
R8104	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8106,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8108	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-42PX60B
R8109	ERJ3EKF2202	M 22KOHM, 1/16W	1	TH-42PX60B
R8110	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	TH-42PX60B
R8111	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8112,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PX60B
R8115	ERJ3GEYF272	M 2.7KOHM, 1/16W	1	TH-42PX60B
R8117	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	TH-42PX60B
R8123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX60B
R8124	ERJ2GEJ471	M 470 OHM, J,0.063W	1	TH-42PX60B
R8127	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8132,33	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B
R8136	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8137	ERJ2GEJ121	M 120 OHM, J,0.063W	1	TH-42PX60B
R8140,41	ERJ3EKF1001	M 1KOHM, 1/16W	2	TH-42PX60B
R8144,45	D1HG5608A002	NETWORK RESISTER	2	TH-42PX60B
R8148,49	D1HG3908A002	NETWORK RESISTER	2	TH-42PX60B
R8150-59	ERJ2GEJ390	M 39 OHM, J,0.063W	10	TH-42PX60B
R8161,62	ERJ2GEJ390	M 39 OHM, J,0.063W	2	TH-42PX60B
R8163	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8165	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8167-71	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-42PX60B
R8172	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PX60B
R8173	EXB38V560J	RESISTOR ARRAY	1	TH-42PX60B
R8175,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8183	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8184	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX60B
R8187	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX60B
R8193	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8195,96	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8201-04	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-42PX60B
R8215	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8216,17	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8218,19	D1HG33080001	NETWORK RESISTER	2	TH-42PX60B
R8220-22	D1HG5608A002	NETWORK RESISTER	3	TH-42PX60B
R8223	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8224,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8226	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PX60B
R8232-43	ERJ2GEJ330	M 33 OHM, J,0.063W	12	TH-42PX60B
R8244	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8245,46	ERJ2GEJ330	M 33 OHM, J,0.063W	2	TH-42PX60B
R8250	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8252-54	ERJ2GEJ330	M 33 OHM, J,0.063W	3	TH-42PX60B
R8255	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8256	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-42PX60B
R8257	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8259	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8260-63	ERJ2GEJ560	M 56 OHM, J,0.063W	4	TH-42PX60B
R8264-68	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-42PX60B
R8269	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8271	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8272	EXB38V560J	RESISTOR ARRAY	1	TH-42PX60B
R8273	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8275	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8277	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8279	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8282	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8284	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8286,87	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B
R8290	EXB38V560J	RESISTOR ARRAY	1	TH-42PX60B
R8291,92	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B
R8310-15	ERJ3EKF75R0	M 0.75HM, 1/16W	6	TH-42PX60B
R8319	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-42PX60B
R8320	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-42PX60B
R8321	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-42PX60B
R8349	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX60B
R8350	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-42PX60B
R8351	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-42PX60B
R8352	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-42PX60B
R8353	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-42PX60B
R8354	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-42PX60B
R8355,56	EXB2HV104JV	RESISTOR ARRAY	2	TH-42PX60B
R8357,58	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-42PX60B
R8366	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8367,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B
R8372-76	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-42PX60B
R8401	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-42PX60B
R8402	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX60B
R8403	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8404,05	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8406	ERJ8RSJR10	M 1 OHM, 1/8W	1	TH-42PX60B
R8407	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-42PX60B
R8414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8415,16	ERJ2GEJ223	M 22KOHM, J,0.063W	2	TH-42PX60B
R8417,18	EXB38V473J	RESISTOR ARRAY	2	TH-42PX60B
R8419,20	EXB38V101J	RESISTOR ARRAY	2	TH-42PX60B
R8421	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX60B
R8422	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX60B
R8423	ERJ2GEJ821	M 820 OHM, J,0.063W	1	TH-42PX60B
R8425,26	EXB38V101J	RESISTOR ARRAY	2	TH-42PX60B
R8427-31	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-42PX60B
R8433,34	EXB38V560J	RESISTOR ARRAY	2	TH-42PX60B
R8443	EXB38V560J	RESISTOR ARRAY	1	TH-42PX60B
R8444	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX60B
R8445,46	ERJ2GEJ151	M 150 OHM, J,0.063W	2	TH-42PX60B
R8447	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX60B
R8448	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PX60B
R8449,50	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8451	EXB38V104J	RESISTOR ARRAY	1	TH-42PX60B
R8452	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX60B
R8453	EXB38V104J	RESISTOR ARRAY	1	TH-42PX60B
R8454	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX60B
R8456-59	EXB38V560J	RESISTOR ARRAY	4	TH-42PX60B
R8460	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX60B
R8461	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8462,63	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
R8464	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8465	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8466	EXB38V560J	RESISTOR ARRAY	1	TH-42PX60B
R8467,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B
R8469	EXB38V151J	RESISTOR ARRAY	1	TH-42PX60B
R8474	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8475,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8477,78	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX60B
R8479	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-42PX60B
R8480-82	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-42PX60B
R8483	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-42PX60B
R8484	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX60B
R8485	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-42PX60B
R8486	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX60B
R8487	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX60B
R8488	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8489	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-42PX60B
R8491	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-42PX60B
R8492	ERJ3EKF1802	M 18KOHM, 1/16W	1	TH-42PX60B
R8493	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-42PX60B
R8494	ERJ3EKF9101	M 9.1KOHM, 1/16W	1	TH-42PX60B
R8495	EXB38V151J	RESISTOR ARRAY	1	TH-42PX60B
R8496	EXB38V560J	RESISTOR ARRAY	1	TH-42PX60B
R8497	ERJ3EKF3300	M 330 OHM, 1/16W	1	TH-42PX60B
R8498	ERJ3EKF2200	M 220 OHM, 1/16W	1	TH-42PX60B
R8499	ERJ3EKF2432	M24.3KOHM, 1/16W	1	TH-42PX60B
R8500	ERJ3EKF1052	M10.5KOHM, 1/16W	1	TH-42PX60B
R8501	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	TH-42PX60B
R8502	ERJ3EKF2402	M 24KOHM, 1/16W	1	TH-42PX60B
R8503,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX60B
R8505	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX60B
R8538,39	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-42PX60B
R8546	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-42PX60B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8547	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-42PX60B
R8601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX60B
R8602-04	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-42PX60B
R8605,06	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-42PX60B
R8608	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-42PX60B
R8610	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-42PX60B
R8611	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX60B
R8614	ERJ2GEJ221	M 220 OHM, J,0.063W	1	TH-42PX60B
R8615	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8701-08	ERJ2GEJ560	M 56 OHM, J,0.063W	8	TH-42PX60B
R8729-36	ERJ2GEJ103	M 10KOHM, J,0.063W	8	TH-42PX60B
R8827,28	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-42PX60B
R8831,32	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
R8862-64	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-42PX60B
R8899,00	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
R8912	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8930	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8931,32	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-42PX60B
R8933,34	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX60B
R8936	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8954	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX60B
R8960	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX60B
R8962-64	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-42PX60B
R8967,68	EXB2HV473JV	RESISTOR ARRAY	2	TH-42PX60B PAVCCZ
R8969-71	ERJ2GEJ473	M 47KOHM,J,0.063W	3	TH-42PX60B
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9070	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9100,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9105	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9111	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9152,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156-59	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9164-66	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9167,68	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9173-75	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9205	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9223	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9225	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9240	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9317	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R9348	D1HG8208A002	NETWORK RESISTER	1	
R9349	EXB38V820J	RESISTOR ARRAY	1	
R9350,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9352	EXB38V820J	RESISTOR ARRAY	1	
R9353,54	D1HG8208A002	NETWORK RESISTER	2	
R9355,56	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9357-59	D1HG8208A002	NETWORK RESISTER	3	
R9360	EXB38V820J	RESISTOR ARRAY	1	
R9361,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9363	EXB2HV470JV	RESISTOR ARRAY	1	
R9366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9367	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9368	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9369	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9370	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9371	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9379	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9380	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9382	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9390	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9391	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9394	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9395	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9501	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9503	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9511-13	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9514	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9516	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9518	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9523	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9526	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9527,28	EXB2HV272JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9537	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9539	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9555	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9800	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9821	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9823-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9841	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV272JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9861-63	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	EXB2HV470JV	RESISTOR ARRAY	1	
R9904	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9906	EXB38V470J	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9917,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9919,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9922	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9929	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9936-39	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9940	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9941,42	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9943-51	EXB38V470J	RESISTOR ARRAY	9	
R9952-55	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9956	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2501	PNA4701M05TV	REMOTE RECEIVER	1	
RTL	TZTNP01BJTB	CIRCUIT BOARD D	1	PAVCCZ ⚠
RTL	TNPA3740AB	CIRCUIT BOARD XV	1	TH-42PX60B PAVCCZ ⚠
RTL	TNPA3756CB	CIRCUIT BOARD DG	1	TH-42PV60E PAVCCZ ⚠
RTL	TNPA3756CH	CIRCUIT BOARD DG	1	TH-42PX60B PAVCCZ ⚠
RTL	TNPA3759AB	CIRCUIT BOARD H	1	PAVCCZ ⚠
RTL	TNPA3766	CIRCUIT BOARD HC	1	PAVCCZ ⚠
RTL	TNPA3767	CIRCUIT BOARD TA	1	TH-42PV60E PAVCCZ ⚠
RTL	TNPA3767AB	CIRCUIT BOARD TA	1	TH-42PX60B PAVCCZ ⚠
RTL	TNPA3761AC	CIRCUIT BOARD PA	1	⚠
RTL	TNPA3812AB	CIRCUIT BOARD C1	1	PAVCCZ ⚠
RTL	TNPA3813AB	CIRCUIT BOARD C2	1	PAVCCZ ⚠
RTL	TNPA3911	CIRCUIT BOARD P	1	⚠
RTL	TNPA3814AB	CIRCUIT BOARD SC	1	PAVCCZ ⚠
RTL	TNPA3819AB	CIRCUIT BOARD SD	1	PAVCCZ ⚠
RTL	TNPA3815AB	CIRCUIT BOARD SS	1	PAVCCZ ⚠
RTL	TNPA3818AB	CIRCUIT BOARD SU	1	PAVCCZ ⚠
RTL	TNPA3764AE	CIRCUIT BOARD G	1	PAVCCZ ⚠
RTL	TNPA3848AD	CIRCUIT BOARD GK	1	⚠
RTL	TNPA3762AC	CIRCUIT BOARD K	1	TH-42PV60E ⚠
RTL	TNPA3762AD	CIRCUIT BOARD K	1	TH-42PV60B ⚠
RTL	TNPA3763AC	CIRCUIT BOARD S	1	⚠
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SCMM1	TMME260	CLAMPER	1	
SCMM3	TMME260	CLAMPER	1	
SD1-D4	K1MN96B00005	96P CONNECTOR	4	
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	
SU1-U4	K1MN96B00005	96P CONNECTOR	4	
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3753-57	EVQ11G05R	SWITCH	5	
T6602	ETS25AZ139AD	SWITCHING TRANS	1	
TA5	K1KB15B00013	15P CONNECTOR	1	
TA6	K1KB09B00019	9P CONNECTOR	1	
TU001	ENG37A12GF	TUNER	1	TH-42PV60E ⚠
TU001	ENGF7301GF	TUNER	1	TH-42PX60B PAVCCZ ⚠
TU8001	ENV57M01D8F	TUNER	1	TH-42PX60B PAVCCZ ⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X8003	H0J241500003	CRYSTAL	1	TH-42PX60B PAVCCZ
X8006	H0J270500090	CRYSTAL	1	TH-42PX60B PAVCCZ
X9000	H2D200500011	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
XV01	K1KAB0A00011	CONNECTOR	1	TH-42PX60B
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA2300, 01	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
ZA3401-05	K4CZ01000027	COMPATIBLE WITH JALCO K9	5	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001, 02	K4CD08000002	TERMINAL	2	
ZA6001, 02	K4CD01000011	TERMINAL	2	
ZA6005	K4CD01000011	TERMINAL	1	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-04	K4CD01000013	TERMINAL	4	
ZA7201-04	K4CD01000013	TERMINAL	4	
ZA9001	K4CD01000011	TERMINAL	1	
C402	F1J1C1050011	C 1UF, Z, 50V	1	
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C407	EEUEB2W220B	E 22UF, 450V	1	⚠
C408	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C409	F0CAF225A021	C 22UF, 250V	1	⚠
C410	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C413	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C414	ECQU2A473ML	P 0.047UF, M,250V	1	⚠
C421	F1J1C1050011	C 1UF, Z, 50V	1	
C422	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C429	F1E2J4730001	C 0.047PF, , 600V	1	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432	F1J1C1050011	C 1UF, Z, 50V	1	
C433	ECJ3XB1E104K	C 0.1UF, K, 25V	1	
C434	F1J1C1050011	C 1UF, Z, 50V	1	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446,47	F2B2W2010001	C 200UF, 450V	2	⚠
C450	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C469	ECKCNA221KB7	C 220PF, M,	1	⚠
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C473,74	ECKCNA101KB7	C 100PF	2	⚠
C476	ECKCNA101KB7	C 100PF	1	⚠
C478	ECKCNA101KB7	C 100PF	1	⚠
C493	ECA1HM470	E 47UF, 50V	1	
C494	F2A2E1R00008	E 1.0UF, 250V	1	
C497	ECA1HM470	E 47UF, 50V	1	
C501,02	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C503	ECJ2XC1H471J	C 470PF, J, 50V	1	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506,07	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C508	ECJ2XC1H471J	C 470PF, J, 50V	1	
C509	ECA1EHG101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	F2A1A1220011	E 1200UF, 10V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2A1E221A096	E 220UF, 25V	1	
C518	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C519	F1J1C1050011	C 1UF, Z, 50V	1	
C520	ECWH8683RHV	P 0.068PF, J, 8KV	1	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C526	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C531	ECJ3YB1E105K	C 1UF, K, 25V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C550	ECJ2XC1H331J	C 330PF, J, 50V	1	
C551,52	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	F2A2C471A119	E 470UF, 160V	1	⚠
C556,57	EEUFC1E152	E 1500UF, 25V	2	
C558	F2A1E471A096	E 470UF, 25V	1	
C559	F2A1A1220011	E 1200UF, 10V	1	
C562	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C571	ECJ2XC1H330J	C 33PF, J, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	F2A2A330A022	E 33UF, 100V	1	⚠
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584,85	ECJ2XB1H223K	C 0.022UF, K, 50V	2	
C587	ECJ2XB1H332K	C 3300PF, K, 50V	1	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECJ2FB1E105K	C 1UF, K, 25V	1	
C604,05	F2A2D1510008	E 150UF, 200V	2	⚠
C607	F1J1C1050011	C 1UF, Z, 50V	1	
C608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2T1420003	E 1400UF, 220V	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C612,13	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C615	F2B2T1420003	E 1400UF, 220V	1	⚠
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C625	ECA1HM100	E 10UF, 50V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C627	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C629-31	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C632	ECJ2XC1H331J	C 330PF, J, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C650	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C653	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C654	ECJ3YB1E105K	C 1UF, K, 25V	1	
C655,56	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C657	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C658	ECJ3YB1E105K	C 1UF, K, 25V	1	
C659	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C660	ECJ2FB1C225K	C 22UF, K, 16V	1	
C661,62	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
D401	B0FBCT000004	DIODE	1	⚠
D404	B0EBKT000007	DIODE	1	⚠
D407	MA111	DIODE	1	
D411	B0BB17000009	DIODE	1	
D412	B0HAMM000122	DIODE	1	
D415	B0JAME000099	DIODE	1	
D416	B0HAMP000067	DIODE	1	
D417	B0HAPR000013	DIODE	1	
D418	B0BC8R100013	DIODE	1	
D419,20	B0HAPR000013	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D429	ERA15-10	DIODE	1	
D430	MA111	DIODE	1	
D431,32	B0JCDD000002	DIODE	2	
D433	B0BC01400033	DIODE	1	
D435	ERA15-10	DIODE	1	
D436-38	MA4200M	ZENER DIODE	3	
D441	B0HAMM000122	DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA4360H	ZENER DIODE	1	
D501	B0HAPR000012	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000099	DIODE	1	
D506	MAZ80470LL	ZENER DIODE	1	
D507,08	B0BC7R400023	DIODE	2	
D509	B0JANG000018	DIODE	1	
D511	B0JAML000011	DIODE	1	
D512,13	MA111	DIODE	2	
D514	B0BC6R100025	DIODE	1	
D515	B0BC3R200008	DIODE	1	
D516-18	MA4330M	ZENER DIODE	3	
D520	MA111	DIODE	1	
D521	B0JAME000099	DIODE	1	
D528,29	MA153	DIODE	2	
D530	B0BC9R900013	DIODE	1	
D531	B0HBSN000013	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSG000026	DIODE	1	
D538	B0BC5R100039	DIODE	1	
D539,40	B0AARR000010	DIODE	2	
D542	MA4200M	ZENER DIODE	1	
D543	B0BC01400033	DIODE	1	
D544,45	MA4200M	ZENER DIODE	2	
D549	B0BC02500008	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D551	B0BC01300033	DIODE	1	
D555	B0BC7R400023	DIODE	1	
D559	B0BC7R400023	DIODE	1	
D563	B0BC6R100025	DIODE	1	
D569-72	B0BC02500008	DIODE	4	
D574	MA165	DIODE	1	
D575	MA188	DIODE	1	
D579	MA165	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D585	B0BC7R400023	DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
D588	B0BC3R200008	DIODE	1	
D590	B0BC3R200008	DIODE	1	
D596	ERA15-10	DIODE	1	
D598	B0BC5R100039	DIODE	1	
D599	B0JCND000009	DIODE	1	
D600	B0BC7R400023	DIODE	1	
D601	B0BC5R100039	DIODE	1	
D602	B0BC8R100013	DIODE	1	
F410	K5G102B00020	FUSE	1	⚠
IC401	CNC1S171R	IC	1	⚠
IC402	C0DAEMB00004	IC	1	
IC403-05	CNC1S171R	IC	3	⚠
IC406	C0DAZZZ00021	IC	1	
IC408	CNC1S171R	IC	1	⚠
IC409	MIP2G40MPSCF	IC	1	⚠
IC410	CNC1S171R	IC	1	⚠
IC411	C0DAEMB00004	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDB000108	IC	1	
IC502	C0EBH0000210	IC	1	
IC504	C0DAEMB00004	IC	1	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	CNC1S171R	IC	1	
IC509	C0DABZZ00010	IC	1	
IC510	C0DBAZG00034	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	LSSK0062	IC	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00004	CHOKE COIL	2	⚠
L410	ELF17N004A	LINE FILTER	1	⚠
L510	EXCELDR25C	BEAD CHOKE	1	
L511	G0A470ZA0033	CHOKE COIL	1	
L512	ELESE4R7JA	PEAKING COIL	1	
L513	EXCELDR25C	BEAD CHOKE	1	
L514	G0A100GA0013	CHOKE COIL	1	
P2	K1KA02A00626	2P CONNECTOR	1	
P5	K1KA11AA0194	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06A00452	6P CONNECTOR	1	
P11	K1KA02A00626	2P CONNECTOR	1	
P12	K1KA10AA0194	10P CONNECTOR	1	
P23	K1KA03AA0193	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
PMM1	TMM7464-2	CLAMPER	1	
PMM2,M3	TMME088	CLAMPER	2	
PMM4-M6	TMM7464-2	CLAMPER	3	
PMM7	TMME047	CLAMPER	1	
PR401	K5Y502BA0001	FUSE	1	⚠
PR505	K5H5022A0023	FUSE	1	⚠
PR509	ERBSE0R50U	FUSE	1	⚠
PR601	K5G312B00012	FUSE	1	⚠
Q401	B1CHND000004	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q402	B1DFDD000019	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEKQ000003	TRANSISTOR	1	⚠
Q407	B1HFCFA00021	TRANSISTOR	1	
Q408,09	B1DHCD000034	TRANSISTOR	2	
Q412,13	B1DEGQ000070	TRANSISTOR	2	⚠
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q434	B1CEJQ000003	TRANSISTOR	1	
Q501,02	2SD1820A	TRANSISTOR	2	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	B1HBCFA00033	TRANSISTOR	1	
Q509	B1HDCEA00001	TRANSISTOR	1	
Q510	B1DHBD000005	TRANSISTOR	1	
Q512	B1CBGD000001	FET	1	
Q517	B1HBCFA00033	TRANSISTOR	1	
Q520	B1HBCFA00033	TRANSISTOR	1	
Q521	B1CBGD000001	FET	1	
Q524	B1CFGF000008	TRANSISTOR	1	
Q525	B1CBGD000001	FET	1	
Q527	B1CERL000005	TRANSISTOR	1	
Q530	2SD1819A	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q537	B1DFDD000019	TRANSISTOR	1	
Q538	B1CBGD000001	FET	1	
Q540	B1DHCD000034	TRANSISTOR	1	
Q541	B1CBGD000001	FET	1	
Q551	B1CBGD000001	FET	1	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHCD000034	TRANSISTOR	1	
Q555,56	B1DFGD000045	TRANSISTOR	2	
Q557-59	2SD1819A	TRANSISTOR	3	
Q561	2SD1819A	TRANSISTOR	1	
Q563	B1CFGF000008	TRANSISTOR	1	
Q564,65	2SB1218ARL	TRANSISTOR	2	
Q566	2SD1819A	TRANSISTOR	1	
Q568	B1CHGD000006	TRANSISTOR	1	
Q569	B1CBGD000001	FET	1	
R401	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R402	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R403	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R404	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R406	ERX12SJ2R2V	M 2.2 OHM, J,1/2W	1	
R407	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R410	D1F5100E0003	CHIP RESISTOR	1	⚠
R412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R413	D1F5100E0003	CHIP RESISTOR	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R423	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R434	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R435	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R448,49	D0XGR08J0001	M 0.08OHM,J, 5W	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R456	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R459	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R461	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R467	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R471	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R480	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	D0BF225JA030	M 22MOHM,J,0.05W	1	⚠
R487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R488	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R498	ERG3SJ101	M 100 OHM, J, 3W	1	
R499	D0BF394JA029	M 390KOHM,J,0.05W	1	⚠
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R524	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R529	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R532	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R533	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R534	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R540,41	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R546	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R548	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R549	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R550	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R551	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R552	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R553	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R554	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R558	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R559	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R560	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R561	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R562	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R565,66	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R567,68	ERJ8ENF1004	M 100KOHM, 1/8W	2	
R569	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R570	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R571	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R587	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R597,98	ERJ6ENF3302	M 33KOHM, 1/10W	2	
R599,00	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R616,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R630	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R634	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R638	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R639,40	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQJR39	M0.39 OHM, 1/8W	3	
R645	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R646,47	ERJ8GEYJ223	M 22KOHM, J,1/8W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651,52	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R653	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R654	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R655	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R662	ERJ6ENF1503	M 150KOHM, 1/10W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R672,73	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R678	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R679,80	ERJ8RSJR16V	M 16 OHM, 1/8W	2	
R682	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R683	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R684	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R685,86	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R690	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R693	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R695	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R698	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R699-08	ERJ8GEYJ105	M 1MOHM, J,1/8W	10	
R711	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R712	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R714	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R715	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R921	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R931	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R932	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R933	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R935	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R936	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R937	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R938	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R939,40	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R943	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R945	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R946	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R947	ERJ8GEYJ331	M 330 OHM, J,1/8W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R950	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R951,52	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R953	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
RL402,03	TSEH8011	RELAY	2	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000117	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	ETS42LA12GAD	SWITCHING TRANS	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	ETS25AF115AH	SWITCHING TRANS	1	⚠
T601	G4D2A0000264	SWITCHING TRANS	1	
W9,10	J0JKB0000037	FLAT CORE	2	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z420	TMM23417	CLAMPER	2	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401	ERZVGED621T2	VARISTOR	1	⚠
ZN402	D4EAD7510001	VARISTOR	1	⚠
ZN404	ERZVGAD681T2	VARISTOR	1	⚠
ZN405-06	ERZVA7D511	VARISTOR	2	⚠